SERVICE MANUAL

CHASSIS

MODEL

COMMANDER

CHASSIS NO.

CHASSIS NO. COMMANDER DEST.

KP-53XBR45

KP-53XBR45

RM-Y128

RM-Y128

US

SCC-H53G-A

Canadian SCC-H58F-A

KP-61XBR48

RM-Y128

SCC-H53H-A

MODEL

KP-61XBR48

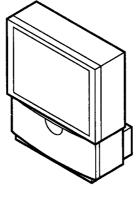
RM-Y128

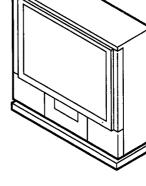
Canadian SCC-H58G-A

1. Adjustment Manual for this model is separately published.

	Adjustment Manual
Part No.	9-965-074-01







KP-53XBR45

KP-61XBR48



COLOR REAR VIDEO PROJECTOR SONY

SPECIFICATIONS

Projection system

3 picture tubes, 3 lenses,

horizontal in-line system

Picture tube

7 inch high-brightness monochrome

tubes (6.3 rester size), with optical

coupling and liquidcooling system

Projection lenses

High performance, large-diameter hybrid

lens F1.0

Screen size (measured diagonally)

KP-53XBR45 53 inches KP-61XBR48 61 inches

Screen brightness

KP-53XBR45 900 cd/m² KP-61XBR48 700 cd/m²

Television system

American TV standards

Channel coverage

VHF: 2-13 / UHF: 14-69 / CATV:

1-125

Antenna

75 ohm external antenna terminal for

VHF / UHF

Inputs/output

VIDEO IN1/3/4/5 INand VIDEO2

INPUT

S VIDEO IN (4-pin mini DIN):

Y: 1 Vp-p, 75-ohms unbalanced,

sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

VIDEO (phone jack): 1 Vp-p, 75-ohms

unbalanced, sync negative AUDIO (phono jacks):

500 mVrms (100% modulation)

Impedance: 47 kilohms

SELECT OUT

VIDEO (phono jacks) :1 Vp-p, 75-ohms

unbalanced, sync negative AUDIO (phono jacks):

470 mVrms (100% modulation)

Impedance: 47 kilohms

AUDIO (VAR) OUT (phono jacks): 950mVrms (100% modulation) AUDIO (FIX) OUT(phono jacks): 500 mVrms (100% modulation)

CONTROLS IN/OUT: mini jacks

Speaker

	Front (Tweeter)	(Woofer)	Center	Rear
KP-53XBR45	25mm (1") x2	130mm (5") x2	100mm (4") x2	75mm (3") x2
KP-61XBR48	50mm (2") x4	160mm (6 3/8") x2	100mm (4") x2	75mm (3") x2

Speaker output

Front: 20 W x 2

Center: 20W x 1

Rear: 10W x 2

Power requirement 120 V, 60 Hz

Power consumption 300 W Standby mode: 4W

	Dimensions (W/H/D)	Mass
KP-53XBR45	1,238 x 1,442 x 647 mm	115 kg
	(48 3/4 x 56 7/8 x 25 1/2 inches)	(252 lbs 6 oz)
KP-61XBR48	1,520 x 1,550 x 778 mm	174 kg
	(59 7/8 x 61 1/8 x 30 3/4 inches)	(383 lbs 5 oz)

Supplied accessories Remote commander RM-Y128 (1)

Size AA (R6) battery (2) Rear speakers (2) Speaker cord (2)

Optional accessories

AV rack SU-XBR1

Bottom base for AV rack

SU-61BASE (for KP-61XBR48 only)

U/V mixer EAC-66

Connecting cables RK-74A,

VMC-810S / 820S, YC-15V / 30V

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

(US model only)

After correcting the original service problem, perfom the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- 2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recom mend their replacement.
- Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
- 7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
- Check the B+ and HV to see they are at the values specified.
 Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna temminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

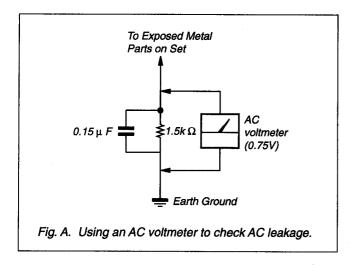
LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate lowvoltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)



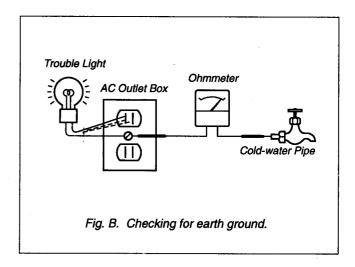


TABLE OF CONTENTS

Section	Title	Page	Section	<u>Title</u>	Page
1. GENE	RAL		3. SA	FETY RELATED ADJUSTMENTS	30
	Installing the projection TV	. 5		<u> </u>	
Step 2 :	Connections	5			
Step 3	Setting up the remote commander	9		AGRAMS	
Step 4 :	Setting up the projection TV automatically	ý	4-1	. Block Diagrams (1)	35
	g the cable box output channel			Block Diagrams (2)	37
	ig the TV			Block Diagrams (3)	41
Watchin	g the programs at on time – PIP/P&P	13		Block Diagrams (4)	45
	ne VIDEO menu		4-2	. Circuit Boards Location	
	ne AUDIO menu			. Printed Wiring Board and Schamatic Diagr	
Using th	ne PROGRAM PALETTE menu	17		• AA Board	
Using th	ne INPUT/OUTPUT menu	17		• AB Board	55
	ne TIMER menu			• D Board	63
	ne SET UP menu			• M Board	
	ing Caption Vision/XDS			• X(1/2) Board	71
	g video equipment			• X(2/2) Board	
Operation	g a cable box or DDS receiver	23		• E Board	
	g non-preprogrammed equipment-	23		• GB Board	
Learnin	g fuctiong fuction	24		• P5 Board	
Lamin	g luction	27		• U Board	
A DICAC	CER EDT ST			• K Board	9
	SEMBLY			• ZB Board	9′
	Rear Board Removal			• ZG Board	9′
	Chassis Assy Removal			• ZR Board	9,
	Service Position			• HA Board	94
	G Board Removal			• HB Board	9'
	D Board Removal			• G Board	9′
	U Board Removal			• CB Board	100
	M Board Removal			• CG Board	
	Extention Cable			• CR Board	
	AB and X BoardS Removal		4-4	Semiconductors	10
	Extention Cable		-	, Semiconductors	10-
	GB Board Removal		E 138	ANI ODED MEMC	
	HB Board Removal (KP-53XBR45)			KPLODED VIEWS	
2-10-2.	HB and HB Boards Removal (KP-61XBR48)	28	5-1	. Cover (KP-53XBR45)	100
	HA Board Removal (KP-53XBR45)			2. Cover (KP-61XBR48)	
2-11-2.3	Screen Frame Removal (KP-61XBR48)	28		3. Mirror	
2-12. K	Board Removal	28		. Chassis	
2-13. M	irror Cover Removal	29		5. Picture Tube	
	igh-voltage Cable Installation and Removal		5-6	5. Speaker	11
	cture Tube Removal			-	
· -			6. EI	LECTRICAL PARTS LIST	112
	(CAUTION)			(ATTENTION)	

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CAR-BON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK A ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION, REPLACE THESEC-OMPONENTS WITH SONY PARTS WHOSE PART NUMBERS AP-PEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUB-LISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITI-CAL TO SAFEOPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPO-NENTS ARE REPLACED OR IMPROPER OPERATION IS SUS-PECTED.

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURTCIR-CUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE DELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DEPANNAGE. LE CHÁSSIS DE CE RECEPTEUR EST DIRECTEMENT RAC-CORDÉ Á L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS ÁLA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MAPQUE A SUR LES SCHÉMAS DE PRINCIPE, LES VUES EX-PLOSÉES ET LES LISTES DE PIECES CONT D'UNEIMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operat-

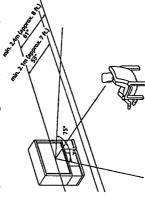
ing Instruction Manual remein as in the manual.

Getting Started

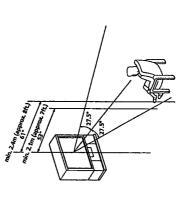
the projection TV Step 1: Installing

For the best picture quality, install the projection TV within the areas shown below.

Optimum viewing area (Horizontal)



Optimum viewing area (Vertical)



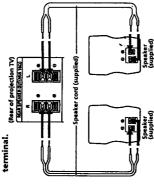
Preparing for your projection TV

Before you use your projection TV, adjust convergence. For the procedure, see "Adjusting convergence (CONVERGENCE)" on page 16.

Connecting the supplied rear speakers

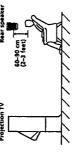
To enhance the surround effect, connect the supplied rear speakers to the REAR SPEAKER OUT terminals on the projection TV. Use the supplied speaker cords.

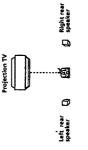
Connect one rear speaker to the REAR SPEAKER OUT R terminal and the other speaker to the REAR SPEAKER OUT L



2 Place the rear speakers as shown below to obtain optimum surround effect.

sides of the viewing area 60-90 cm (2-3 feet) above. If possible, mount the speakers on the wall to the





Note

• Be sure to match the speaker cord to the terminal colors. If the cords are reversed, the sound will be distorted.

5-ËN Getting Started

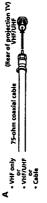
Connections Step 2:

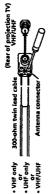
recommend connecting to an outdoor antenna or a Although you can use either an indoor antenna or outdoor antenna with your projection TV, we cable TV system for improved picture quality.

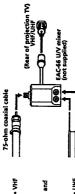
4: Setting up the projection TV automatically (AUTO SET UP)" (page 14) and proceed to "Selecting the cable box output channel (TV INPUT)" (page 18). For the customers who connect a cable box, skip "Step

Connecting an antenna

Connect your antenna cable to the VHF/UHF antenna terminal. If you cannot connect your antenna cable directly to the terminal, follow one of the instructions below depending on your cable type.







¥5.

 Most VHF/UHF combination antennas have a signal splitter.
Remove the splitter before attaching the appropriate For better picture quality, connect an antenna by using a 75-ohm coaxial cable.

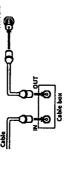
Connecting an antenna/cable TV system without a VCR

To cable or antenna



To cable box

(Rear of projection TV) If your cable company requires you to connect a cable box, make the connection as follows:



To cable box and cable



signals requiring a cable box* in addition to the normal Some cable TV systems use scrambled or encoded cable connection.

The cable box will be supplied by the cable company.

To cable and antenna



Connecting an antenna/cable TV system with a VCR

For connection details, see the instruction manual of your VCR. Before connecting, disconnect the AC power cords of the equipment to be connected.

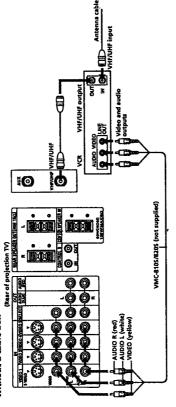
After making these connections, you will be able to do the following:

• View the playback of video tapes

• Record one TV program while viewing another

To a conventional VCR

Without a cable box



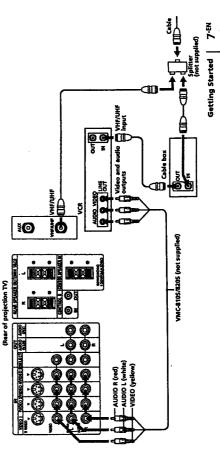
Notes

To connect a monaural VCR, connect the audio output of the

VCR to AUDIO L (MCNO) of VIDEO 1/3/4/5 IN on the
projection TV.

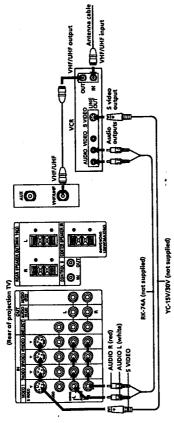
• Do not connect a cable to the S VIDEO connector on the projection TV.

With a cable box



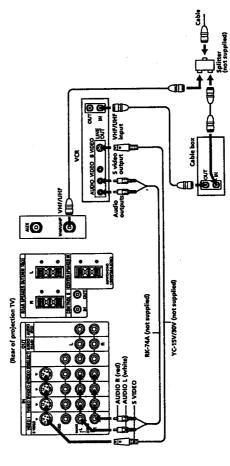
To an S video equipped VCR
If your VCR has an S video output jack, make the
connection as follows. Whenever you connect a cable
to the S VIDEO connector, the projection TV automatically receives S video signals.

Without a cable box



Video signals are composed of Y (lumthance) and C (chrome) grapats. The Connection sends the two signals separately preventing degradation, and gives better picture quality compared to conventional connection.

With a cable box



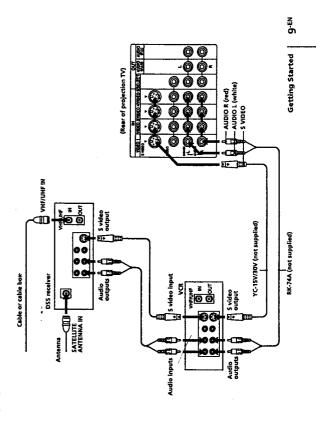
8-EN | Getting Started

Connecting a DSS® receiver

For connection details, see the instruction manual of the DSS receiver.

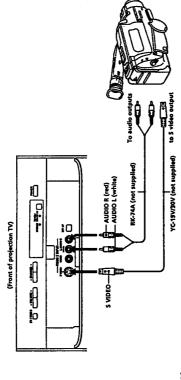
AUDIO R (red) AUDIO L (white) S VIDEO YC-15V/30V (not supplied) RK-74A (not supplied) VHF/UHF IN <u>₹</u> 5 00 00 Cable or cable box DSS receiver To a projection TV Antenna SATELLITE ANTENNA IN

To a projection TV and VCR



Connecting a camcorder

This connection is convenient for watching a picture from a camcorder.

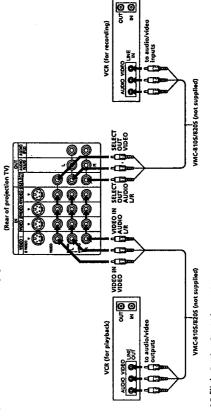


- To connect a monaural camcorder, connect the audio output of the camcorder to AUDIO L (MONO) of VIDEO 2 INPUT of the projection TV.

 To connect a camcorder not equipped with the S video output, connect the video output of the camcorder to VIDEO INPUT of the projection TV.

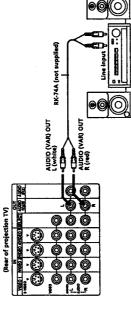
Connecting two VCRs for tape editing

You can select the output signal from the SELECT OUT jacks. For detailed information, see page 30.



Connecting an audio system

If you want to use the left and right speakers of a stereo amplifier, use AUDIO (VAR) OUT as shown below and switch off the projection TV speakers. (See "Setting the speaker switch (SPEAKER)" on page 27.) See page 27 and 28 for more information.

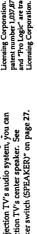


You can adjust the bass, treble and balance, or select an MTS (Multichannel TV Sound) mode with the supplied remote

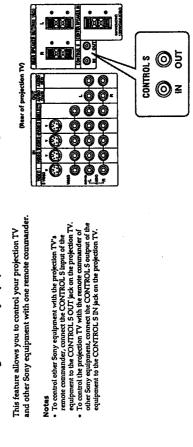
Connecting an amplifier with Dolby Pro Logic decoder

If you use an amplifier with Dolby Pro Logic decoder instead of the projection TV's audio system, you can still use the projection TV's center speaker. See "Setting the speaker switch (GPEAKER)" on page 27.

Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under Caradian patent number 1,037, "Dolby," the double-D symbol ID and "Pro Logic" are Erademarks of Dolby Laboratories Licensing Corporation.



(Rear of projection TV)



12-EN | Getting Started

Getting Started | 11-EN

Rear speaker (R)

Amplifier with Dolby* Pro Logic decoder

R-74A (not supplied)

Rear speaker (L)

CENTER SPEAKER IN -CENTER SPEAKER IN +

-@

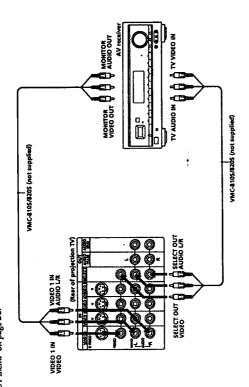
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AUDIO (FIX) OUT R (red)

AUDIO (FIX) OUT L (white)

Connecting an AV receiver

Connect an optional AV receiver to the VIDEO 1 IN jacks. For detailed information, see "Using the INPUT/OUTPUT menu" on page 30.



Connecting other Sony equipment with the CONTROL S jacks

Step 3: Setting up commander the remote

nserting batteries

Insert two size AA (R6) batteries (supplied) by matching the + and - on the batteries to the diagram inside the battery compartment.



- With normal use, the batteries should last for approximately
- If you do not use the remote commander for an extended period of time, remove the batteries to avoid possible damage from battery leakage.

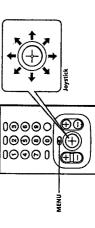
 Do not handle the remote commander roughly. Do not drop it,

 - step on it or let it get wet. Do not place the remote commander in direct sunlight, near a heater, or where the humidity is high.

Using the joystick remote commander

for menu operation

motion in eight directions, as illustrated, to easily select the items in the menu. The supplied remote commander has a joystick with



How to use the menus

1 Press the MENU button to display the main





2 Press the joystick up or down to move the cursor (b) to the desired item.





3 Click the joystick to display the selected menu.





4 Press the joystick up or down to select the item, then click the joystick to go to the next menu.





For further operations, you can select the item by pressing the joystick in some of eight directions that vary according to the selected menu. Then click the joystick to store the setting

Press MENU. The original screen is displayed. To erase the main menu

cursor () to O of each menu, and click the joystick. Press the joystick up, down, right or left to move the To return to the previous menu

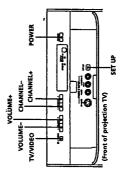
You can select one of various kinds of cursors (page 38).

Step 4: Setting up the projection TV automatically (AUTO SET UP)

For customers who connect a cable box, skip this step and proceed to "Selecting the cable box output channel (TV INPUT)" (page 18).

You can set up your projection TV easily by using AUTO SET UP feature. It changes the on-screen menu language and presets all the receivable channels automatically. To set up the projection TV manually, see "Changing the menu language" (page 11) "Setting, cable TV on or off" (page 16) and "Presetting channels".

If the projection TV is set to a video input, you cannot execute AUTO SET UP. Press TV/VIDEO so that a channel number appears. (page 17).



1 Press POWER to turn the projection TV on.



2 Press SET UP on the front of the projection



AUTO ANUSTES: GALL
AUTO ANUSTES: GALL
MÉGLAGE AUTO: WOLL
DEMO: Press [ED] to East

3 Press CHANNEL+.

If you prefer Spanish or French to English, you can change the on-screen menu language. Press CHANNEL- for Spanish or VOLUME+ for French.



CONTINUE TO AUTO PROGRAMM VES: [28]

All of the menus will be set to the factory preset condition in the selected language.

4 Press CHANNEL+.





"AUTO PROGRAM" appears on the screen and the disappears and the lowest numbered channel is displayed. If the projection TV receives cable TV channels, CABLE is set to ON automatically. projection TV starts scanning and presetting channels automatically. When all the receivable channels are stored, "AUTO PROGRAM"

- In the control of the

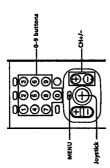
Press VOLUME—in step 2. The functions and menus are displayed one by one. To cancel the DEMO To preview the main functions (DEMO) function, press VOLUME - again.

14-EN | Getting Started

Getting Started | 13-EN

Erasing or adding channels

channels during the day rather than late at night, when After AUTO SET UP you can erase unnecessary channels or add the channels you want. Preset some channels may not be broadcasting.



Press MENU.

The main menu appears.





step 4.

5 To erase and/or add other channels, repeat

When you finish, press MENU.

ဖ

beside the channel number, showing that the

beside the channel number, showing that the

 If you select ERASE in step (1), "-" appears channel is erased from the preset memory. If you select ADD in step (1), "+" appears channel is added to the preset memory.

(3) Click the joystick.

Press the joystick up or down to move the cursor () to SET UP and click the joystick. The SET UP menu appears. N





CHANNEL ERASE/ADD and click the joystick. If the cursor is not beside CHANNEL ERASE/ ADD, press the joystick up or down to move the cursor and click the joystick. Make sure the cursor () is beside The CH ERASE/ADD menu appears. m





- If you erase or add a VHF or UHF channel, the cable TV channel with the same number is also erased or added.
 If more than 90 seconds elapse after you press a button, the menu disappears automatically.
 Erasing and adding channels is also available for the AUX input.

Ç₽

Adjusting convergence (CONVERGENCE)

(1) Press the joystick up or down to select ERASE or

4 Erase or add the channel you want:

(2) Press CH +/- or 0-9 buttons to select the

channel you want to erase or add.

9999 9999 9999

#⊕Û

The projection tube image appears on the screen in three layers (red, green and blue). If they do not converge, the color is poor and the picture blurs. To correct this, adjust convergence.

Selected channel number

- 1 Press MENU.
- Press the joystick up or down to move the cursor (6) to SET UP and click the joystick.
- Press the joystick up or down to move the cursor (6) to CONVERGENCE and click the m

The CONVERGENCE adjustment screen appears.



Press the joystick up or down to move the cursor (\$\beta\$) to RED or BLUE, and click the 4



Press the joystick up, down, left or right to move the line until it converges with the center green line, and click the joystick. 'n



- lines until all three lines converge and are 6 Repeat steps 4 and 5 to adjust the other seen as a white cross.
- $oldsymbol{7}$ Press MENU to return to the original screen.

Convergence can be adjusted only left, right, up and down.

Setting cable TV on or off

system, set CABLE to ON, the factory setting. If not, set CABLE to OFF. You do not have to do this procedure if you execute AUTO SET UP (page 14). Do this procedure only when you want to set it manually. If you have connected the projection TV to a cable TV

- Press MENU.
- Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.
- Press the joystick up or down to move the cursor (b) to CABLE and click the joystick. m



4 Press the joystick up or down to select ON or OFF and click the joystick.



5 Press MENU to return to the original screen.

Note

• If CABLE appears in grey, the projection TV is set to a video

• If CABLE appears of select CABLE. Press TV / VIDEO on the

remote commander so that a channel number appears.

Getting Started | 15-EN

16-EN | Getting Started

Presetting channels

procedure if you execute AUTO SET UP (page 14). Do this procedure only when you want to set it manually. PROGRAM feature. You do not have to do this You can preset TV channels easily by AUTO

1 Press MENU.

Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.



Press the joystick up or down to move the cursor () to AUTO PROGRAM and click the m



"AUTO PROGRAM" appears on the screen and the projection TV starts scanning and presetting channels automatically. When all the receivable disappears and the lowest numbered channel is channels are stored, "AUTO PROGRAM"

$oldsymbol{4}$ Press MENU to return to the original screen.

- If AUTO PROGRAM appears in grey in the SET UP menu, the projection IV is set to a video input and you cannot select AUTO PROGRAM. Press IV/JDEO on the remote commander so that a channel number appears. In more than 90 seconds elapses ther you press a button, the menu disappears automatically.

 Presetting channels is also available for the AUX input.

Changing the menu language

If you prefer Spanish or French to English, you can change the menu language. You do not have to do this procedure if you execute AUTO SET UP (page 14). Do this procedure only when you want to set it manually.

• If you set TV INPUT to any option other than OFF, you cannot use the favorite channel and CH INDEX features.
• If you set TV INPUT to VIDEO I INPUT mode, you cannot select TV INPUT again. Press the TV VIDEO button to select and return to TV INPUT gain. Press the TV VIDEO button, select and return to TV INPUT mode. If you are unable to return to the TV INPUT mode by using the TV/VIDEO button, select TV OUT in "Using the INFUT/OUTPUT menu" on page 30, and enter NO.

box output channel Selecting the cable

(TV INPUT)

1 Press MENU.

Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.

output channel on your projection TV. It is recommended that you set up your projection TV as follows when you use a cable box.

If you use a cable box, you can select the cable box

Press the joystick up or down to move the cursor (b) to LANGUAGE and click the m



4 Press the joystick up or down to select the language and click the joystick. The menu in the selected language appears.



2 Press the joystick up or down to select SET

1 Press MENU.

UP and click the joystick.

-- Joystick -- MENU

00000 00000 00000

Press the joystick up or down to select TV INPUT and click the joystick.

m

The cable box output channel options are

displayed.

Press MENU to return to the original screen Ŋ

Note

• Even when you select Spanish or French language, certain parts of the menus remain in English.

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Press the joystick up or down to select the

4

cable box output channel and click the

joystick.

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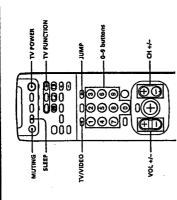


You can select the cable output channel among 2-6 channels, VIDEO 1 and AUX 2-6 channels.

18-EN | Operations

Operations

Watching the TV



1 Press TV FUNCTION on the remote

commander.

The red indicator flashes once on the remote commander, indicating that the buttons function for the projection TV.



2 Press TV POWER to turn on the projection

The POWER indicator lights on the projection TV.



If any of "VIDEO1 to VIDEO5" appears on the screen, press the TV/VIDEO button until a channel number appears.

3 Select the channel you want to watch: To select a channel directly Press the 0 – 9 buttons.

For example, to select channel 10, press 1 and 0. You may press ENTER to immediately change the channel.



To scan through channels
Press CH +/- until the channel you want to watch
appears.



4 Press VOL +/- to adjust the volume.





Switching quickly between two channels

You can use the JUMP button to switch or "jump" back and forth between two channels.

Press JUMP.



Pressing JUMP again switches back to the original channel.

Note
• You cannot jump to channels you scanned through using the CH +/- buttons.

Operations | 19-EN

20-EN | Operations

Muting the sound

The projection TV stays on for the length of time you

Setting the Sleep Timer

specify and then shuts off automatically

Press MUTING. "MUTING" appears on the screen.



minutes) you want appears. Each time you press SLEEP, the time changes as follows: $30 \rightarrow 60 \rightarrow 90 \rightarrow 0$ Ff. Press SLEEP repeatedly until the time (in

To restore the sound, press MUTING again, or press

Displaying on-screen information

1 Press DISPLAY.

Channel number, the current time (if set), channel caption or logo (if set), and MTS mode (if SAP is selected) are displayed. SAP indication disappears after 4 seconds.



The sleep timer is also canceled when you select AUTO

PROGRAM ur.der the SET UP menu.

To cancel the Sleep Timer, press SLEEP repeatedly until "SLEEP OFF" appears, or turn off the projection

"SLEEP" appears about one minute before the

projection TV shuts off.

2 Press DISPLAY again.

station provides this service, program information, program type and program length are displayed. XDS (Extended Data Service) is turned on.-If the



3 Press DISPLAY again.

Caption Vision (if set) is displayed. (See page 39.)



To cancel the display, press DISPLAY again.

video input appears. Each time you press TV/VIDEO, the display changes as follows: TV \rightarrow VIDEO 1 \rightarrow VIDEO 2 \rightarrow VIDEO 3

→ VIDEO 4 → VIDEO 5.

Press TV/VIDEO repeatedly until the desired

Watching a video input picture

To return to TV picture, press TV/VIDEO until a channel number appears.

Changing the VHF/UHF input to the **AUX input**

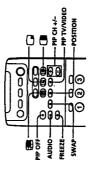
Press ANT/AUX. "AUX" appears beside the channel number.



Pressing ANT/AUX again switches back to VHF/UHF input.

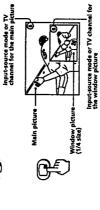
programs at one time — PIP/P&P Natching two (Twin View™)

You can watch two programs simultaneously using the Picture-in-Picture (PIP) or the Picture-and-Picture (Twin View¹⁴) feature.



Displaying a window picture (PIP)

Press ()

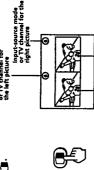


Press 🖳 repeatedly to display a smaller

Each time you press \Box , the size of the window picture changes as follows: 1/4 size $\rightarrow 1/9$ size $\rightarrow 1/16$ size. window picture.

To remove the window picture, press PIP OFF.

Displaying a left picture (P&P) input-source mode or 'try dramel for the left picture or the left picture



The main picture is on the right and the window To restore the normal picture, press PIP OFF. picture is on the left.

- If the main/right picture is not receiving an image, the window/helt picture may become a noisy picture.
 The window/left picture sound is also output from the AUDIO (VAR) OUT jacks when you listen to it.

Changing the window/left picture input mode

Press PIP TV/VIDEO to select the input mode. Each time you press PIP TV/VIDEO, "TV," "VIDEO 1," "VIDEO 2," "VIDEO 9," "VIDEO 9" and "VIDEO 5" appear in sequence.

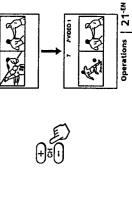




Changing TV channels in the window/ left picture

Press PIP CH +/-.

6 AVIDEO 1



Listening to the sound of the window/ left picture

Press AUDIO.

"h" appears for a few seconds on the window/left picture, indicating that the window/left picture sound is being received.





To restore the main/right picture sound, press AUDIO again.

Changing the position of the window

Press POSITION.

picture

Each time you press POSITION, the window picture will move as illustrated.



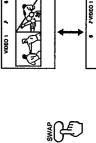


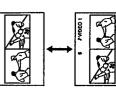
Note POSITION is not a P&P feature.

Swapping the main/right and window/ left pictures

Press SWAP.

Each time you press SWAP, the images and sound from the main/right and window/left pictures switch





22-EN | Operations

Freezing the pictures

You can freeze both the right and left pictures.

This feature is useful when you want to write down a recipe from a cooking program, a displayed address, a phone number, etc.

Press FREEZE.





To restore the normal screen, press PIP OFF.

Watching eight TV channels at one time (CH INDEX)

You can display all the preset channels in sequence Press 📳.

A main picture and seven window pictures are displayed.

Each time you press 📵 or PIP CH+/-, the next seven sequential channels appear.





To return to the normal picture, press PIP OFF.

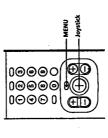
Note

• If you set TV INPUT to any option other than OFF, you cannot
use the CH INDEX feature.

Using the VIDEO menn

Adjusting the picture (VIDEO)

When watching TV programs, you can adjust picture, hue, color, brightness and sharpness to suit your taste. The adjusted level is stored in PROGRAM PALETTE.



1 Press MENU.

Make sure the cursor is beside VIDEO and click the joystick.

If the cursor is not beside VIDEO, press the joystick up or down to move the cursor. The VIDEO adjustment menu appears.





Select the item you want to adjust. m

For example: (1) To adjust brightness, press the joystick up or down to select BRIGHT.





B MOOK STANDARD

TO TREATMENT

(2) Click the joystick.





4 Adjust the selected item:
(1) Press the joystick up, down, right or left to adjust the item.





(2) Click the joystick.
The new setting appears in the VIDEO menu, and is stored in the displayed PROGRAM PALETTE mode.





For details on each item, see "Description of adjustable items" below.

To adjust other items, repeat steps 3 and 4.

Description of adjustable items

Item	Press the joystick up or right to	Press the joystick down or left to
PICTURE	Increase picture contrast for vivid color.	Decrease picture contrast for soft color.
HUE	Make overall picture greenish.	Make overall picture purplish.
COLOR	Increase color intensity.	Decrease color intensity.
BRIGHT	Brighten the picture.	Darken the picture.
SHARP	Sharpen the picture.	Soften the picture.

To restore the factory setting

While the VIDEO menu is displayed, press the joystick up, down, right or left to select RESET and click the

correction are also reset to the factory settings. joystick. The Trinitone, NR, dynamic picture and color

Adjusting the color temperature (TRINITONE)

3 Press the joystick up or down to select NR and click the joystick.

The TRINITONE feature controls the color temperature, permitting white balance preference adjustment without affecting skin tones.

(H)

1 Press MENU.

Press the joystick up or down to select VIDEO and click the joystick.

4 Press the joystick up or down to select ON and click the joystick.

F

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3 Press the joystick up or down to select TRINITONE and click the joystick.







4 Press the joystick up or down to select HIGH, MEDIUM or NTSC STD and click the joystick.

The DYNAMIC PICTURE feature enhances the contrast

of the picture, providing a dynamic image.

1 Press MENU.

Enhancing the picture contrast

(DYNAMIC PICTURE)



OARD MEDIUM TURE : OFF MECTION: OFF WE LEST
DE MODELLE STANDER STA

NTSCSTO

MEDIUM

Press the joystick up or down to select DYNAMIC PICTURE and click the joystick.

m

2 Press the joystick up or down to select

VIDEO and click the joystick.

Reducing picture noise (NR)

You can improve a weak or snowy picture when NR is set to ON.

1 Press MENU.

2 Press the joystick up or down to select VIDEO and click the joystick.



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4 Press the joystick up or down to select ON and click the joystick.





24-EN | Operations

Operations | 23-EN

Correcting the color (COLOR CORRECTION)

The COLOR CORRECTION feature emphasizes red and blue to make skin tones vivid.

- 1 Press MENU.
- Press the joystick up or down to select VIDEO and click the joystick.
- Press the joystick up or down to select COLOR CORRECTION and click the joystick. M





Press the joystick up or down to select ON and click the joystick. 4

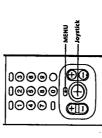




Using the AUDIO menn

Adjusting the sound (AUDIO)

You can adjust the treble, bass and balance to suit your taste. You can adjust the sound of video input(s) as well.



1 Press MENU.

Press the joystick up or down to select AUDIO and click the joystick. 2





3 Select the item you want to adjust.

For example:
(1) To adjust bass, press the joystick up or down, to select BASS.





(2) Click the joystick.



(continued) Operations | 25-EN Um G-RETURNO EL EE

4 Adjust the selected item:

Selecting stereo or bilingual programs

(1) Press the joystick up, down, right or left to adjust the item.



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The Multichannel TV Sound (MTS) feature gives you the choice to enjoy stereo sound or Second Audio Programs (SAP) when available. The initial setting is

stereo sound (MAIN). 1 Press MENU.

> The new setting appears in the AUDIO menu. (2) Click the joystick.





3 Press the joystick up or down to select MTS and click the joystick.

2 Press the joystick up or down to select

AUDIO and click the joystick.

A STATE OF THE STA

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For details on each item, see "Description of adjustable items" below.

To adjust other items, repeat steps 3 and 4 S

ems	Press the joystick down or left to	Decrease the treble response.	Decrease the bass
Description of adjustable items	Press the joystick up or right to	Increase the treble response.	Increase the bass
Describu	Item	TREBLE	BASS

While the AUDIO menu is displayed, press the joystick up, down, right or left to select RESET and then dick the joystick. All the settings in the AUDIO menu are To restore the factory settings reset to the factory settings.

Emphasize the right Emphasize the left speaker's volume.

BALANCE

4 Press the joystick up or down to select MAIN, SAP or MONO and click the joystick.

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Une de Petitories du des

	Listen to stereo sound.	The STEREO indicator on the projection TV	lights up while a stereo broadcast is	received.	Listen to bilingual programs.	The sound of non-SAP programs will be	muted when SAP is selected.	Reduce noise during stereo broadcasts.	
Choose	MAIN			:	SAP			MONO	

Note

26-EN Operations

Stereo and SAP sounds are subject to program sources.

Setting the speaker switch (SPEAKER)

You may switch off the projection TV speakers when, for example, you want to listen to the sound through a stereo system.

If you connect an amplifier with Dolby Pro Logic decoder to the CENTER SPEAKER IN terminal, you can use the projection TV speakers as center speaker.

- 1 Press MENU.
- Press the joystick up or down to select AUDIO and click the joystick.
- Press the joystick up or down to select SPEAKER and click the joystick. m





Press the joystick up or down to select ALL ON, LR OFF, ALL OFF or CENTER IN and click the joystick. 4





L/R OFF Turn off only the right speaker sout right speaker sout projection TV's frequent sound and speakers. ALL OFF Turn off the projection sound and listen sound and listen sound solely through the projection that the resistence of the projection that the resistence of the projection that the resistence of the res	Listen to the sound from the projection TV. Turn off only the projection TV left and right speaker sound and listen to the projection TV's front left and right channel sound through the audio system speakers. Turn off the projection TV speaker sound and listen to the projection TV's sound and listen to the projection TV's sound and listen to the projection TV's sound solely through the audio system speakers. Use the projection TV contact speakers as Use the projection TV's beautiful through the audio system speakers.
--	---

Selecting the surround mode

selecting a surround mode according to the type of program you are watching. You can select the surround mode when the SPEAKER mode is set to ALL This projection TV incorporates center speakers and can be connected to the supplied rear speakers. You can take advantage of surround sound simply by ON or L/R OFF.

- 1 Press MENU.
- Press the joystick up or down to select AUDIO and click the joystick. ~
- Press the joystick up or down to select SURROUND MODE and click the joystick m





4 Press the joystick up or down to select the surround mode you want.





Choose	0
DE PRO-LOGIC	DO PRO-LOGIC Obtain superb theater-like surround
	effects. This mode is most effective
	with programs encoded in Dolby
	, , , , , , , , , , , , , , , , , , , ,
	surround.
CO 3 STEREO	Obtain the surround sound without
	using rear speakers. The sound of the
	rear channel is output from the front
	speakers. Use this mode if you don't
	want to use the rear speakers.
SIMULATED	Create a simulated stereo sound. Use
	this mode for program in monaural.
LIVE	Obtain the surround sound with the
ļ	atmosphere of a concert hall. Use this
	mode for music programs.
GAME	Obtain maximum audio impact from
	video game software.
9FP	Turn off the surround effects.

(continued)

Operations | 27-EN

Adjusting the speaker volume

surround sound will be even and natural. For CIPRO-After selecting the surround mode, adjust the volume of each speaker to the same level so that the selected LOGIC and IXI3 STEREO modes, adjust the speaker volume using the test tone feature.

While the volume setting screen is displayed, press the joystick up, down, right or left to select RESET then

To restore the factory settings

click the joystick. All of the speaker levels of the selected mode are reset to the factory setting.

Repeat steps 4 and 5 to adjust other speakers so that you hear the sound from each speaker at the same volume.

- 1 Press MENU.
- 2 Press the joystick up or down to select AUDIO and click the joystick.
- Press the joystick up or down to select SURROUND LEVEL and click the joystick. The speaker volume setting screen appears. m





T Press the joystick up or down to select TEST

You can hear the test tone output from each

speaker in sequence.

TONE and click the joystick.

Front left --- Center --- Front right --- Real

The test tone is output:

feature makes it easy to adjust the volume level of each

After step 3 in "Adjusting the speaker volume", follow

speaker to the same level.

the procedure below:

In DI PRO LOGIC or DI3 STEREO mode, the test tone

Adjusting the speaker volume using

the test tone

Press the joystick up or down to select CENTER, REAR or BALANCE and click the loystick. 4

The selected speaker(s) in the menu is(are) highlighted.



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20000000000000000000000000000000000000	Follow stens 4 to 6 in "Adjusting the
	ens 4 to 6 in "
-	Follow et

- Adjusting the speaker volume". 2
- Click the joystick to turn off the test tone. m

* The center level cannot be adjusted in the SIMULATED REAR** The level of rear speakers.
BALANCE The level between the right and left speakers.

Choose To adjust
CENTER The level of center speaker.
REAR** The level of rear speakers.

mode.
•• The rear level cannot be adjusted in the DO3 STEREO mode.

Press the joystick right or left to adjust the volume level and click the joystick.

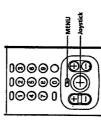
28-EN | Operations

Using the PROGRAM PALETTE menu

Selecting picture effect (PROGRAM

PALETTE)

You can select one of five modes for picture effect that best suits the different programs. You can also adjust the picture for each setting to suit



1 Press MENU.

Press the joystick up or down to select PROG PALETTE and click the joystick.





Select the item you want. For example:

(1) To select MOVIE, press the joystick up or down to move the cursor to MOVIE.





(2) Click the joystick.



For details on each item, see "Effect of picture settings" below.

Effect of picture settings

STANDARD Standard MOVIE Finely de SPORTS Vivid, bri NEWS Reduced	Picture effect Sandard Finely detailed picture Vivid, bright picture Reduced noise in picture
GAME	Softer nichtra

Adjusting the picture in PROGRAM PALETTE

1 Press MENU.

Press the joystick up or down to select VIDEO and click the joystick.





Press the joystick up or down to select MODE and click the joystick.

m





Press the joystick up or down to select the item you want to adjust and click the joystick.

4





Adjust the picture according to the steps 3 to 5 in "Adjusting the picture" on page 23. ហ

To restore the factory setting
While the VIDEO menu is displayed, press the joystick
up, down, right or left to select RESET and click the
joystick.

Operations | 29-EN

Using the INPUT/ **OUTPUT menu**

(1) Make sure the cursor is beside MONITOR OUT and click the joystick.

(2) Press TV/VIDEO to select the input to the

To select MONITOR OUT:

projection TV and click the joystick

CO DAY DAY DAY

To select EDIT OUT:

(1) Press the joystick up or down to select EDIT OUT and click the joystick.

You can select an output signal from the SELECT OUT jacks at the rear of the projection TV.

TV/VIDEO -

Selecting an output signal (INPUT/

OUTPUT)

(2) Press the joystick up or down to select the input to be edited and click the joystick.









- Joystick -MENU

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00000 00000 9000

To select TV OUT:

(1) Press the joystick up or down to select TV OUT and click the joystick. "Set up using only VIDEO1 input?" appears.



Press the joystick up or down to select INPUT/OUTPUT and click the joystick.

1 Press MENU.

N



projection TV, press the joystick up or down to select YES. Then click the joystick. You can always select the signal from the receiver by (2) If you connect only an AV receiver to your

CE THAT GRANGE OF

the projection TV, select NO. You can select any of the VIDEO 1 to VIDEO 5 inputs with the TV/ If you connect your audio/video equipment to pressing TV/VIDEO once. VIDEO button.

Output the signal of the picture displayed on the projection TV screen. Use this option to edit tapes while

Select MONITOR OUT, EDIT OUT or TV OUT.

M

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Select MONITOR OUT

displayed picture on the screen. Use this option to edit tapes while watching an input image different

from that being recorded.

TUOVI

Output the signal input to the projection TV regardless of the

- When you set INPUT/OUTPUT to TV OUT, you cannot swap the main/right and window/left pictures.
 The SELECT OUT signal is only available when the projection TV is on.

Output the TV signal.
Use this option when you connect an AV receiver to the VIDEO 1 IN Jacks.

Setting video labels (VIDEO LABEL)

This feature allows you to label each input mode so that you can easily identify the connected equipment. For example, you can label VIDEO 2 IN as VHS.

- 1 Press MENU.
- 2 Press the joystick up or down to select INPUT/OUTPUT and click the joystick.
- Press the joystick up, down, right or left to select VIDEO LABEL and click the joystick. m



Press the joystick up or down to select the input mode you want to label and click the joystick.

4



2 Press the joystick up or down to select TIMER and click the joystick.

1 Press MENU.

Press the joystick up or down to select the label and click the joystick. IJ



6 Repeat steps 4 and 5 to label other input

Make sure the cursor (b) is beside CURRENT TIME, and click the joystick. If the cursor is not beside CURRENT TIME, press the joystick up or down to move the cursor.

m

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If more than 90 seconds elapse after you press a button, the menu disappears automatically.

Using the TIMER

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is highlighted.





Set for daylight saving end (set after the last Sunday in October).
This option is set at the factory.
Deadviste daylight saving time (if your area does not use daylight saving time (if

While the CURRENT TIME menu is displayed, press the joystick up, down, right or left to select RESET, and then click the joystick.

To correct the time

To display the current time on the projection

Press DISPLAY.

TV screen





(3) Set the hour and minute in the same way as in step (2). When you click the joystick after



- Joystick - MENU

00000 00000 00000



5 Press the joystick up or down to select DS (Daylight Saving) TIME, and click the joystick.







6 Press the joystick up or down to select YES, NO or NONE and click the joystick.





32-EN | Operations

Operations | 31-EN (continued)

4 Set the current time.

(1) Press the joystick up or down to select time display and click the joystick. The item to be set

Set for daylight saving start (set after the first Sunday in April). Current time automatically moves one hour

Choose To





NONE

12

(2) Press the joystick up or down to set the day and



Setting the clock enables you to check the time, turn the projection TV on and off with the timer, or to block a TV channel from being watched at a certain time.

Setting the clock (CURRENT TIME)



setting the minute, the clock starts.

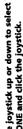
If you unplug the projection TV or a power interruption occurs, the clock settling will be erased. Reset the current time.
 If you comect a VCR using an RF cable, the projection TV may not set up the correct current time information.















Setting your daylight saving time (DS

Make sure to set the clock before setting daylight saving time.

1 Press MENU.

- Press the joystick up or down to select TIMER and click the joystick.
- Press the joystick up or down to select DS TIME and click the joystick. m



4 Press the joystick up or down to select YES, NO or NONE and click the joystick.



	Set for daylight saving start (set after the first	Sunday in April).	Current time automatically moves one hour	
500	XES			

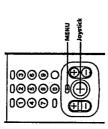
first

- Set for daylight saving end (set after the last 12
- This option is set at the factory.

 Deactivate daylight saving time (if your area does not use daylight saving time). NONE

Setting the timer to turn the projection TV on and off (ON/OFF TIMER)

You can set the projection TV to turn on and off at the time you specify. Make sure the clock is set correctly. If it is not, set the clock first (page 31).



Press MENU.

- Press the joystick up or down to select TIMER and click the joystick.
- Press the joystick up or down to select ON/ OFF TIMER and click the joystick. m





4 Enter the ON/OFF TIMER setting.

- (1) Press the joystick up or down to select program 1 or 2 and click the joystick.
- (2) Press the joystick up or down to set the day(s) and click the joystick. Each time you press the loystick up or down, the days cycle as shown

EVERY SUN-SAT→EVERY MON-FRI→ SUNDAY→...→SATURDAY→EVERY SUNDAY→...→EVERY SATURDAY





Operations | 33-EN (continued)

Press the joystick up or down to set the time (hour then minute) that you want to turn on the projection TV and click the joystick.

The 🌢 indicator appears indicating the turn-on





(4) Press the joystick up or down to set the time duration and click the joystick.

duration increases by one hour up to a maximum of six hours. The bar indicator shows Each time you click the joystick, the time how long the projection TV is on.





(5) Press the joystick up or down to select the channel and click the joystick.







The TIMER indicator on the projection TV lights.

To set another program, click the joystick and repeat step 4. Ŋ

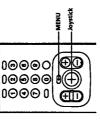
message "TV will turn off." is displayed on the screen One minute before the projection TV turns off, a To cancel the timer

While the ON/OFF TIMER is displayed, press the joystick right or left to select RESET besides the program to be reset. Then click the joystick.

If you unplug the projection TV or a power interruption occurs, ON/OFF TIMER settings will be erased. Reset the current time, then set the timer.

Blocking out a channel (CHANNEL BLOCK)

This feature allows you to prevent children from watching unsuitable programs. Make sure the clock is set correctly. If it is not, set the clock first (page 31).



1 Press MENU.

- 2 Press the joystick up or down to select TIMER and click the joystick.
- 3 Press the joystick up or down to select CHANNEL BLOCK and click the joystick.





4 Enter a CHANNEL BLOCK setting. (1) Press the joystick up or down to select program

1 or 2 and click the joystick.

- (2) Press the joystick up or down to set the day(s) and click the joystick. Each time you press the joystick up or down, the days cycle as shown
 - EVERY SUN-SAT→EVERY MON-FRI→ SUNDAY→...→SATURDAY→EVERY SUNDAY→...→EVERY SATURDAY







34-EN | Operations

(3) Press the joystick up or down to set the time blocking the channel and click the joystick. (hour then minute) that you want to start

The findicator appears indicating the time to start blocking.







Customizing the channel names (CH

CAPTION/LOGO)

(4) Press the joystick up or down to select the time duration you want to block and click the joystick.

duration increases by one hour up to a maximum of 12 hours. The bar indicator shows how long the projection TV is blocked out. Each time you click the joystick, the time





(5) Press the joystick up or down to select the channel and click the joystick.





Press the joystick up or down to select SET

1 Press MENU.

UP and click the joystick.

Press the joystick up or down to select CH CAPTION/LOGO and click the joystick.

m

To set another program, click the joystick and repeat step 4.

set, the message "BLOCKED" appears and the picture is blocked and the sound is muted. If you select the blocked channel during the time you To cancel a CHANNEL BLOCK setting

While the CHANNEL BLOCK menu is displayed, press the joystick right or left to select RESET besides the program to be reset. Then click the joystick.

If the CHANNEL BLOCK and ON/OFF TIMER settings are overlapped, the later time setting has priority over the earlier setting.

Using the SET UP

To select LOGO:

(1) Make sure that the cursor is beside LOGO, and





COORDINATION OF THE PROPERTY O

If you select fewer than three letters, move the cursor (b) to "..." after entering the letters, and

click the joystick.

(2) Press the joystick in any of eight directions to select the broadcaster's logo and click the oystick.



feature allows you to easily identify which channel you are watching. You can choose a broadcaster's logo (LOGO) or make your own four-letter caption

(CAPTION).

You can add a caption to up to 20 channels. This





To erase a caption

While the CH CAPTION/LOGO menu is displayed, press the joystick in any of eight directions to select RESET, then click the joystick.

Repeat steps 4 and 5 to caption other channels.

ဖ

To select CAPTION





(2) Press the joystick in any of eight directions to select the first letter.





Click the joystick.

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F

4 Press the 0-9 buttons to select the channel

that you want to caption.



5 Select LOGO or CAPTION

(4) Repeat steps (2) and (3) to select the remaining

click the joystick.







Notes

- If the CH CAPTION/LOGO menu appears in grey, the projection TV is set to a video input, and you cannot select CH projection TV is set to a video input, and you cannot select CAPTION/LOGO. Press TV/VIDEO so that a channel

number appears. If more than 90 seconds elapse after you press a button, the menu disappears automatically.

The CH CAPTION/LOGO feature is also available for the

(1) Press the joystick right or left to select CAPTION and click the joystick.



- Joystick

0000 0000 0000 0000



AUX input.

• If you move the cursor to the blank spaces at the bottom of the CH CAPTION/LOGO menu when you are selecting a logo, you cannot select any logo.







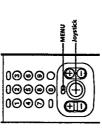
36-EN | Operations

Operations | 35-EN (continued)

୍ରି ଡ୍ର୍ଡ୍ର ଡ୍ର୍ଡ୍ର ପ୍ରଚ୍ଚ

Setting your favorite channels (FAVORITE CHANNEL)

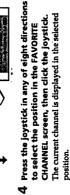
This feature allows you to select your favorite channels (up to eight channels) easily while displaying them on the screen at the same time.

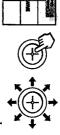


1 Press MENU.

- Press the joystick up or down to select SET UP and click the joystick.
- Press the joystick up or down to select FAVORITE CHANNEL and click the joystick. m







5 Press the joystick up or down to select the desired channel and click the joystick.
The new channel is stored in the FAVORITE CHANNEL screen in the selected position.



Repeat steps 4 and 5 to set other favorite channels.

If you set TV INPUT to any option other than OFF, you cannot use the FAVORITE CHANNEL feature.

Selecting a favorite channel

channels on the projection TV screen at the same time After you set your favorite channels, you can select a channel you want while displaying all your favorite

1 Click the joystick.

Eight window pictures of your favorite channels appear on the screen with the full-motion picture of the currently selected channel in the center.





Press the joystick to move the cursor to the The joystick of the remote commander lets you channel you want to watch. select any picture with a press. N





3 Click the joystick. The picture of the selected channel is displayed on the screen.

Selecting a VCR input directly (DIRECT

Customizing the pointer (CUSTOMIZED

You can choose the desired cursor (pointer) from among eight different designs and/or colors.

Press MENU.

TV input to VCR input mode by pressing the Period (playback) button on the supplied remote commander. For example, connect your VCR to the VDEO 1 IN jacks and set the VTRI 2 3 MDP selector located beneath the lid of the remote commander to VTR2. After completing the procedure below, the input mode is switched to the VCR connected to the VIDEO 1 IN The DIRECT PLAY feature allows you to switch from jacks when you press the 🚩 button.

1 Press MENU.

Press the joystick up or down to select CUSTOMIZED POINTER and click the joystick

m

Press the joystick up or down to select SET UP and click the joystick.

2 Press the joystick up or down to select SET UP, and click the joystick.

 \bigoplus

Press the joystick up or down to select DIRECT PLAY and click the joystick. m







Press the joystick in any of eight directions to select the desired cursor and click the joystick.

4

4 Press the joystick up or down to select the input to which the video equipment is connected and click the joystick.





5 Press the joystick up or down to select the position of the VTR1 2 3 MDP selector and click the joystick.





Operations | 37-EN

Displaying Caption Vision/XDS

(CAPTION VISION/XDS)





Some programs are broadcast with Caption Vision. To display Caption Vision, select either CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3 or TEXT4 from the menu. CC1, CC2, CC3 or CC4 shows you a caption, that is a

Press DISPLAY on the remote commander until press DISPLAY, the display changes as follows:

"DISPLAY OFF" turns off after three seconds.

- DISPLAY OFF +

program. (The mode should be set to CC1 for most programs.) TEXT1, TEXT2, TEXT3 or TEXT4 shows you text, that is information presented using either half or

the whole screen. It is not usually related to the

program.

printed version of the dialog or sound effects of a

Data Service) which shows a network name, program name, program length, call letters and time of the show. When you select XDS with the DISPLAY button, this information will be displayed on the screen if the broadcaster offers this service.

Some programs are broadcast with XDS (Extended

Press the joystick up or down to select the caption type and click the joystick.





"DISPLAY OFF" appears on the screen. Each time you on-screen information -- XDS -- Caption Vision or Text To turn off the caption, text or XDS

Captions may appear with a white box or another error instead
of a certain word. Poor reception of TV programs can also
cause errors in Caption Vision.

Operating video equipment

sensor. For programming, set the manufacturer's code operate video equipment that have an infrared remote number. You can set the manufacturer's code to each of four positions of the VTR1 2.3 MDP selector, so that You can program the supplied remote commander to you can operate four different pieces of equipment.

Setting the manufacturer's code

The following Sony video equipment is assigned to each position of the VTR1 2 3 MDP selector at its factory preset:

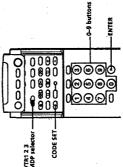
Craig Curtis Mathis

General Electric Goldstar

Funai

Instant Replay

IC Penny



Kenwood LXI (Sears) Magnavox

Press the joystick up or down to select Es and click the joystick.

 \bigoplus

Press MENU.

2

-Joystick

00000 00000 00000

To use another manufacturer's equipment besides a Sony VCR, set the selector to a position not being used for your Sony VCR.

310, 308, 309 332 332 333 339, 335 309, 335 305, 304 325, 334, 325, 336 316, 336 305, 306 305, 306 305, 306 308, 309 308, 309 308, 309

Mitsubishi/MGA Multitech

Minolta

(with the lid open)

1 Turn off the equipment you want to set up.

selector to the position you want to set the code. 2 Open the lid, then set the VTR1 2 3 MDP



the manufacturer's code number (see the chart below) and press ENTER. For Press CODE SET, then press 0 - 9 to enter

m

example, to operate a Sony 8 mm VCR, press CODE SET, 3, 0, 2 and ENTER.

Audio Dynamic Bell & Howell (M. Wards) Brocsonic

301, 302, 303 314, 337 330, 343 319

VCR manufacturer code numbers

VTR1 Beta, ED Beta VCRs
VTR2 8 mm VCR
VTR3 VHS VCR
MDP Multi-disc player

VTR1 2 3 MDP selector

40^{-EN} | Operations

(continued)

308, 309 304, 305, 308, 309, 310, 311, 312, 313

RCA/PROSCAN

Operations | 39-EN

VCR manufacturer code numbers

Manufacturer	Code number
Realistic	309, 330, 328, 335, 324,
	338
Sansui	314
Singer	315
Samsung	322, 313, 321
Sanyo	330, 335
Scott	312, 313, 321, 335, 323,
	324, 325, 326
Sharp	327, 328
Shintom	315
Signature 2000 (M. Wards)	338, 327
Sylvania	310, 308, 309, 338
Symphonic	338
Tashiro	332
Tatung	314, 336, 337
Teac	314, 336, 338, 337
Technics	309, 308
Toshiba	312, 311
Wards	327, 328, 335, 331, 332
Yamaha	330, 314, 336, 337
Zenith	331

MDP manufacturer code numbers

tantitacturer	Code number
Åt.	701
nwood	202
ıgnavox	703
ranz	702
Mitsubishi	702
nasonic	704
scili	703
neer	702
Ķ	702
υλο	706
, de	705
maha	703

- If more than one code number is listed, by entering them one by one, until you come to the consect code for your equipment.

 In some rare cases, you may not be able to operate your non-sony video equipment with this semote commander. This is because your equipment may use a code that is not provided with this remote commander. In this case, please use the equipment's own remote control unit or use the learning function (page 43).

 The code numbers for Sony equipment are assigned at the factors a follows:

 WHS VCR

 8 mm VCR

 902

 Bea. EDD Bea VCRs

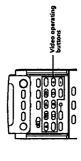
 903

 Multi-clice player

 701

Whenever you remove the batteries — to replace them, for example — If too much time is taken, the code numbers revert to the factory settings and must be reset.

Operating video equipment



position you set for the video equipment. 1 Set the VTR1 2 3 MDP selector to the

(with the lid open)

remote commander to operate the video 2 Use the video operating buttons on the equipment.

Operating a VCR	Buttons on the remote
	COLINITATION
To turn on or off	Press POWER
To change channels	Press CH +/-
To record	Press and REC simultaneously
To play	Press 🚩
To stop	Press II
To fast forward	Press 📭
To rewind the tape	Press ←◀
To pause	Press II
	To resume normal playback, press again.
To search the picture	Press ▶▶ or ◆◀ during playback
forward or backward	To resume normal playback, release the
	button.
To change input mode	Press TV/VTR
To eject a cassette	Press (Used only with Sony brand

Operating a multi- disc player	Buttons on the remote commander
To turn on or off	Press POWER
To play	Press 🚩
To stop	Press
To pause	Press (1
	To resume normal playback, press again.
To search the picture	Keep pressing ▶▶ or ◆◆ during playback
forward or backward	To resume normal playback, release the
	button.
To search the chapter	Press CH +/-
forward and backward	
To eject a disc	Press (Used only with Sony brand
	products)

Note • If the video equipment does not have a certain function, the corresponding button on this remote commander will not operate.

3 Press CABLE POWER to turn on a cable box or DSS POWER when you use a DSS receiver. box or DSS receiver Operating a cable



4 Use the pojection TV control buttons to

check if your code number works.
For example, to operate a cable box, you can use the CABLE POWER, JUMP, CH +/-, 0-9 and ENTER buttons.

You can program the supplied remote commander to operate a cable box or DSS receiver. Follow the

procedures below to set the manufacturer's code number to operate it.

To operate a DSS receiver, you can use the DSS POWER, JUMP, DISPLAY, MENU and 0-9 buttons, and the joystick.

To operate the projection TV
Press TV FUNCTION. Then use the projection TV
control buttons to control the projection TV.

--- DSS FUNCTION

- DSS POWER

<u>|</u>

CABLE FUNCTION ---CABLE POWER —

-TV FUNCTION

CODE SET

For more details on operating the cable box or Refer to the operating instructions that come with the DSS receiver equipment.

-0-9 buttons

0<u>000</u>0

-ENTER 4

If the remote commander doesn't work

• Fist, by repealing the setup procedures using the other codes listed for your equipment.

• If —after tryleg at the codes itself for your equipment — you still cannot get the amone commander to work property, try the learning function described on page 43.

Manufacturer code numbers (cable box)

Manufacturer	Code number
Hamlin/Regal	222, 223, 224, 225, 226
Jerrold/G. I.	201, 202, 203, 204, 205, 206, 207, 208, 218
Oak	227, 228, 229
Panasonic	219, 220, 221
Pioneer	214, 215
Scientific Atlanta	209, 210, 211
Tocom	216, 217
Zenith	212, 213

Turn off the equipment you want to set up and press FUNCTION of the equipment you

(with the lid open)

want to set up (CABLE or DSS).

CABLE DSS

Manufacturer code numbers (DSS receiver)

Code number			
Manufacturer Co	Sony 801	RCA 802	

the manufacturer's code number (see the

chart below) and press ENTER. For

2 Press CODE SET, then press 0 - 9 to enter

example, to program your remote commander to operate a Zenith cable box, press CODE SET, 2, 1, 2 and ENTER.

I more than one code number is listed, try entering them one by one useful you come to the correct code for your equipment.

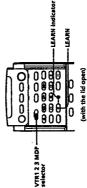
If you enter a new code number, the code number you previously entered a new code number, the code number you previously entered to be come rate cases, your equipment may use a code that is not provided with this tensor commander and you may not be able to operate your equipment with the supplied remote commander. In operate your equipment with the supplied remote control until or use the learning function (page 43).

Whenever you remove the batteries — to replace them, for example—I too the factory estings and must be reset.

Operations | 41-EN

Learning function preprogrammed Operating nonequipment –

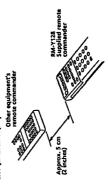
manufacturer's code is not preprogrammed, such as Sony or other manufacturers' audio equipment or other equipment whose manufacturer's code is not listed on pages 40 – 42. You can program the supplied remote commander to learn the functions of another remote commander. Use this function to operate equipment whose



1 Set the VTR1 2 3 MDP selector to VTR3 or MDP.



Place the supplied remote commander and the other equipment's remote commander directly facing each other, approximately 5 cm (2 inches) apart. 2



3 Press and release the LEARN button. The LEARN indicator lights up.

4 Press and release the button on the supplied remote commander that will learn the function.

The LEARN indicator flashes off and then on again, indicating that the remote commander is ready to

5 Hold down the corresponding button on the other remote commander and release the button when the LEARN indicator flashes off then on again.

When the LEARN indicator flashes off and then on again, this indicates that learning is complete. If not, repeat steps 4 and 5.

Repeat steps 4 and 5 to learn other functions. ဖ

7 Press LEARN.

The LEARN indicator goes off, indicating that learning is complete.

Notes
The LEARNING function does not work in VTR1 or VTR2

setting.

- Do not move the remote commanders during learning.

- If you press a button of the supplied remote commander that cannot be used for learning in learning mode, the LEARN indicator flashes four times.

nutritori nasness to uture.

If the other remote commander's signal cannot be learned, the LEARN indicator flashes four times.

To dear all learned signals from memory, set the VTR1 3 MDP selector to MDP, press LEARN, then press TV POWER while holding down VOL ~. Then press LEARN again.

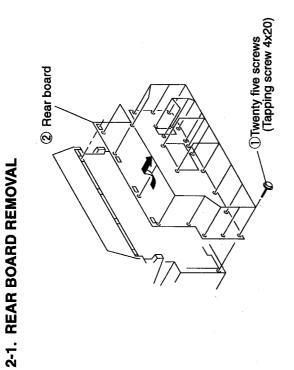
Caution

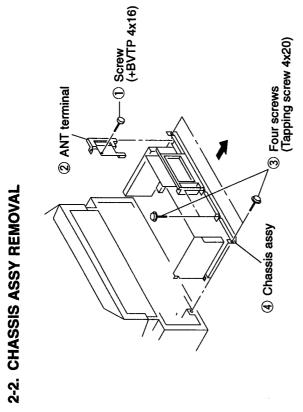
• Whenever you remove the batteries — to replace them, for example — if too much time is taken, the code numbers revert to the factory settings and must be reset.

Operations | 43-EN

SECTION 2

DISASSEMBLY

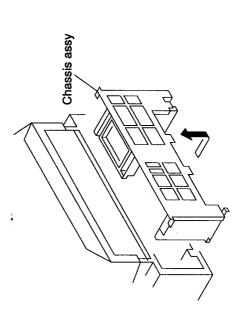




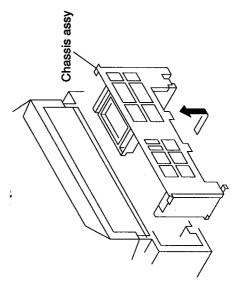
2-4. G BOARD REMOVAL

② Three claws

③ G board

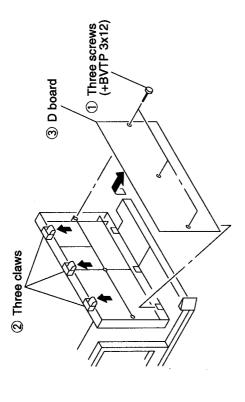


① Power cord

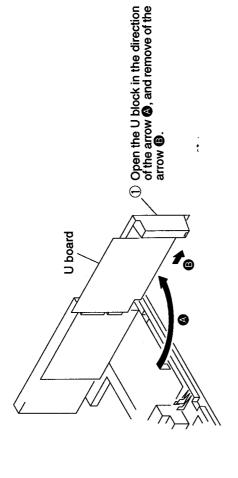


2-3. SERVICE POSITION

2-5. D BOARD REMOVAL

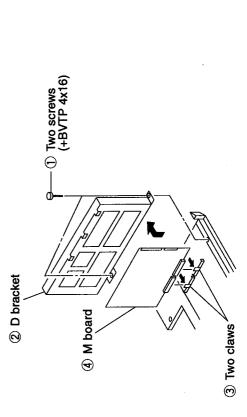


2-6. U BOARD REMOVAL



2-7-2. EXTENTION CABLE

M board



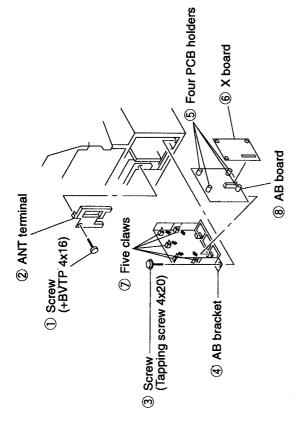
Extention cable (20P) 3-702-542-01

2-7-2. EXTENTIC (M BOARD)

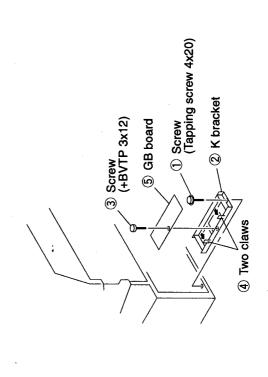
Remove the D board. (Refer to 2-5.) Remove the U board. (Refer to 2-6.)

2-7-1. M BOARD REMOVAL

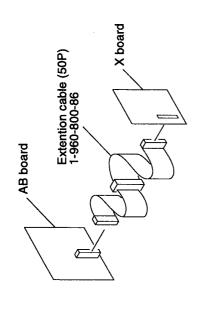
2-8-1. AB AND X BOARDS REMOVAL



2-9. GB BOARD REMOVAL

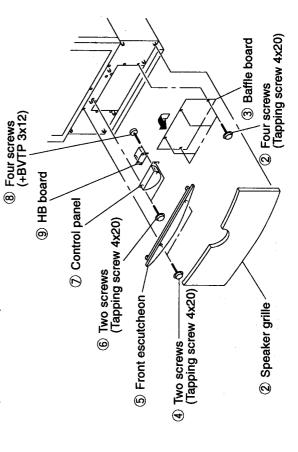


2-8-2. EXTENTION CABLE (X BOARD)

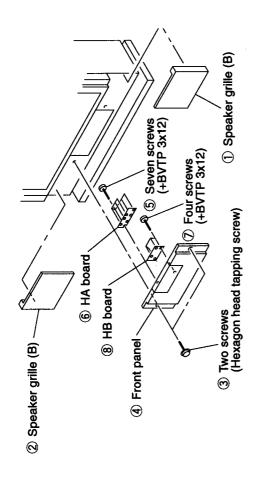


2-10-1. HB BOARD REMOVAL

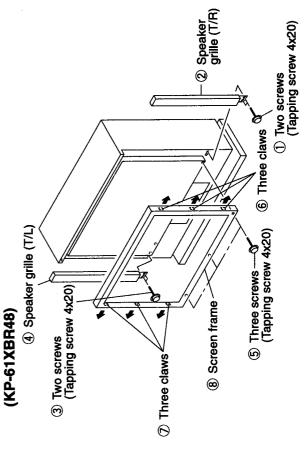
(KP-53XBR45)



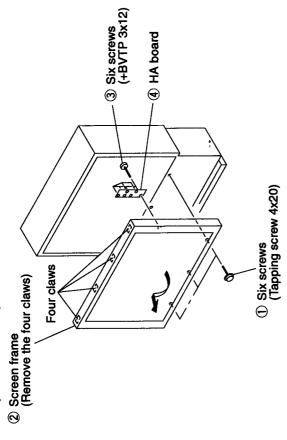
2-10-2. HA AND HB BOARDS REMOVAL (KP-61XBR48)



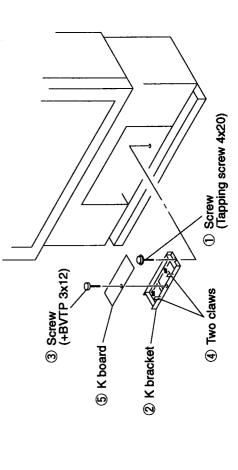
2-11-2. SCREEN FRAME REMOVAL



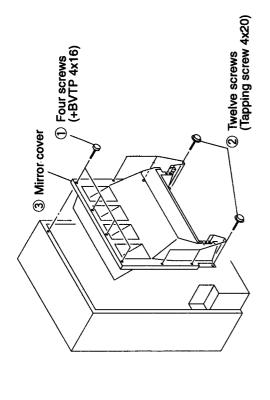
2-11-1. HA BOARD REMOVAL (KP-53XBR45)



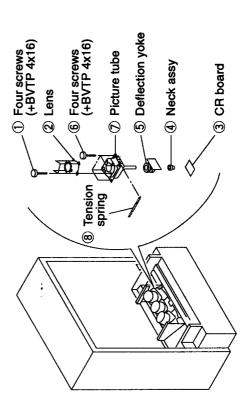
2-12. K BOARD REMOVAL

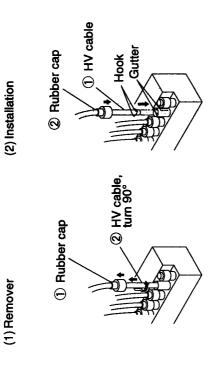


(1) Remover



2-15. PICTURE TUBE REMOVAL





SECTION 3 SAFETY RELATED ADJUSTMENTS

ILLUSTRATION AND SHAPE AND NUMBER	E BOARD – COMPONENT SIDE –		CN880 CN884 COURSE COURSE MR809 MR808	Remove the cap off from the unused terminal and connect a static voltmeter there.)	* CN885 E board VR33kΩ
ADJUSTMENT LOCATION	* 🗷 R809, R988				*PICTURE	
MEASUREMENT POSITION		* marked parts C818, D804, D806, D809, D909, D912, Q915, R809, R855, R856, R857, R858, B054, B055, B083	R984, R988, R991, R995, R996, R998, T803, FBT, E board HV Block	*HV Block		
EQUIPMENT AND SIGNAL		·		*Static Voltmeter	*Dot pattern	
ADJUSTMENT ITEM AND PROCEDURE	HV HOLD DOWN CIRCUIT OPERATIONS CHECK AND ADJUSTMENT (*K RESISTOR)	When replacing the parts marked *▲ on the right, check the HV hold down and adjust.		 Remove the cap for the unconnected pin in the *high-voltage block and connect a *Static Voltmeter meter. Input 130 VAC power. 	 Receive the *Dot siganl and set the *PICTURE and BRIGHTNESS settings to their minimums. 	4. Connect a *33 kΩ variable resistor across the E board *CN885 connector (with the variable resistor set to its maximum).

ADJUS	ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
5. Gradually lower the that the hold down creading of *33.70 ± 6. If the hold down circ Static Voltmeter reacresistor *R809 and rolf the hold down circ Static Voltmeter reacresistor R809 and m 7. Check Item 5 again.	5. Gradually lower the value of the variable resistor and check that the hold down circuit operates at a Static Voltmeter reading of *33.70 ± 0.80 kVDC and that the rasters disappear. 6. If the hold down circuit operates and the rasters disappear at a Static Voltmeter reading of *34.0 kVDC or higher, remove resistor *R809 and mount a *16.0 kΩ 1/4W RN at *R988. If the hold down circuit operates and the rasters disappear at a Static Voltmeter reading of *32.0 kVDC or lower, remove resistor R809 and mount *6.2 kΩ 1/4W RN at *R988. 7. Check Item 5 again.			*R988 *R988	*33.70 ± 0.80 kVDC *34.0 kVDC or higher *16.0 kΩ 1/4W *32.0 kVDC or lower *6.2 kΩ 1/4W *R809
HV REGULATIO	HV REGULATION CIRCUIT CHECK AND ADJUSTMENT (*) RESISTOR)			* ™ R808, R983	
w nen replacing the parts regulation and adjust. 1. Remove the cap for the block and connect a *S 2. Input 120 VAC power. 3. Receive the *Monosco BRIGHTNESS setting	when replacing the parts marked ** on the right, check the HV regulation and adjust. 1. Remove the cap for the unconnected pin in the *high-voltage block and connect a *Static Voltmeter. 2. Input 120 VAC power. 3. Receive the *Monoscope signal and set the *PICTURE and BRIGHTNESS settings to their maximum.	*Static Voltmeter *Monoscope	*M marked parts C918, C930, C934, C980, D902, D920, D925, Q909, R808, R851, R929, R936, R939, R942, R944, R945, R946, R947, R950, R960, R965, R967, R971, R975, R976, R982, R983, R976, R982, R983, R985, R998 E Board HV Block *HV Block	* PICTURE maximum BRIGHTNESS	CN886 CN885 CN884 CN886 BR808 * 120.0 V AC

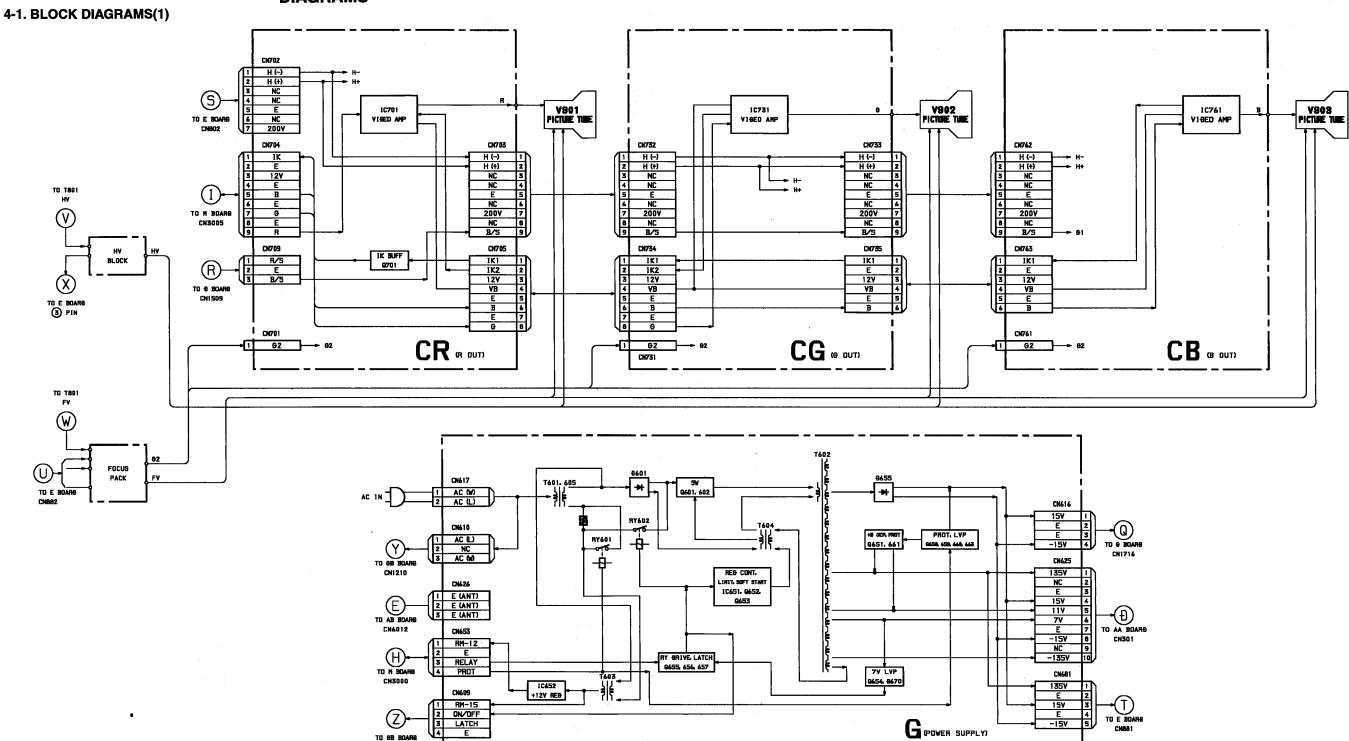
	sard)	,			
ILLUSTRATION AND SHAPE AND NUMBER	* CN885 (E board) Owo MR808 MR983	1		E board CN885 O O O	M R983
ILLUSTRATIO AND N	*31.00 +0.5 kVDC *30.5 kV or lower *5.6 kΩ 1/4W *31.4 kV or higher *8.2 kΩ 1/4W *32.0 kV or higher *10.0 kΩ 1/4W	•		CN886	R988
ADJUSTMENT LOCATION	*R983 *R983 *R983			*R808 (R988) *R809 (R983)	
MEASUREMENT POSITION			:		
EQUIPMENT AND SIGNAL					
ADJUSTMENT ITEM AND PROCEDURE	 Check that the Static Voltmeter reading is *31.00 ^{+0.5}_{-0.7} kVDC. If the Static Voltmeter reading is *30.5 kV or lower, remove resistor *R808 and mount *5.6 kΩ 1/4W RN at *R983. If the Static Voltmeter reading is *31.4 KV or higher, remove resistor *R808 and mount *8.2 kΩ 1/4W RN at *R983. If the Static Voltmeter reading is *32.0 kV or higher, remove resistor *R808 and mount *10.0 kΩ 1/4W RN at *R983. If any of Items 5, 6 or 7 has been implemented, check Item 4 again. 	HV HOLD DOWN AND HV REGULATOR SIMPLE ADJUSTMENT	It is normally desirable that the HV hold down and HV regulation checks use a high-voltage meter. However, sometime one is not available, for example in the field, below is a simple adjustment method.	When replacing parts with the Mark, replace both the resistors with the Mark *R808 (R988) and *R809 (R983) with resistors one rank lower in the E-12 series. Do not replace just one of these resistors! Always replace both with resistors one rank lower.	

т							
ILLUSTRATION AND SHAPE AND NUMBER		* IC651	TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	* 120.0 ± 1.0 VAC, 60 Hz	*143.5 ± 5.5 VDC	* CN884 (E board) 6 0 0 0 0 0 1 ABL	ZH 99
ADJUSTMENT LOCATION				* PICTURE minimum	minim		*PICTURE minimum BRIGHTNESS minimum
MEASUREMENT POSITION					•		
EQUIPMENT AND SIGNAL				*Dot pattern	*Digital Multimeter	*Ammeter	*Monoscope pattern
ADJUSTMENT ITEM AND PROCEDURE	OVERVOLTAGE PROTECTION (OVP) OPERATIONS CHECK	 Connect a *220 kΩ variable resistance rheostat to the G board C655 (between Pins ® and ® of IC651). 		 Input *120.0 ± 1.0 VAC, 60 Hz power. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums. 	 4. Gradually lower the value of the connected variable resistance and check that when the +B line *voltage is *143.5 ± 5.5 VDC, the overvoltage circuit operates and the rasters disappear. 5. Remove the variable resistor and check the +B line voltage. 	1. Connect the *ABL ammeter between *Pins ① and ② of the CN884 on the E board. Have Pins ② and ③ open.	 Input *120.0 ± 1.0 VAC, 60 Hz power. Receive a *monoscope signal and set the *PICTURE and BRIGHTNESS settings to their minimums.

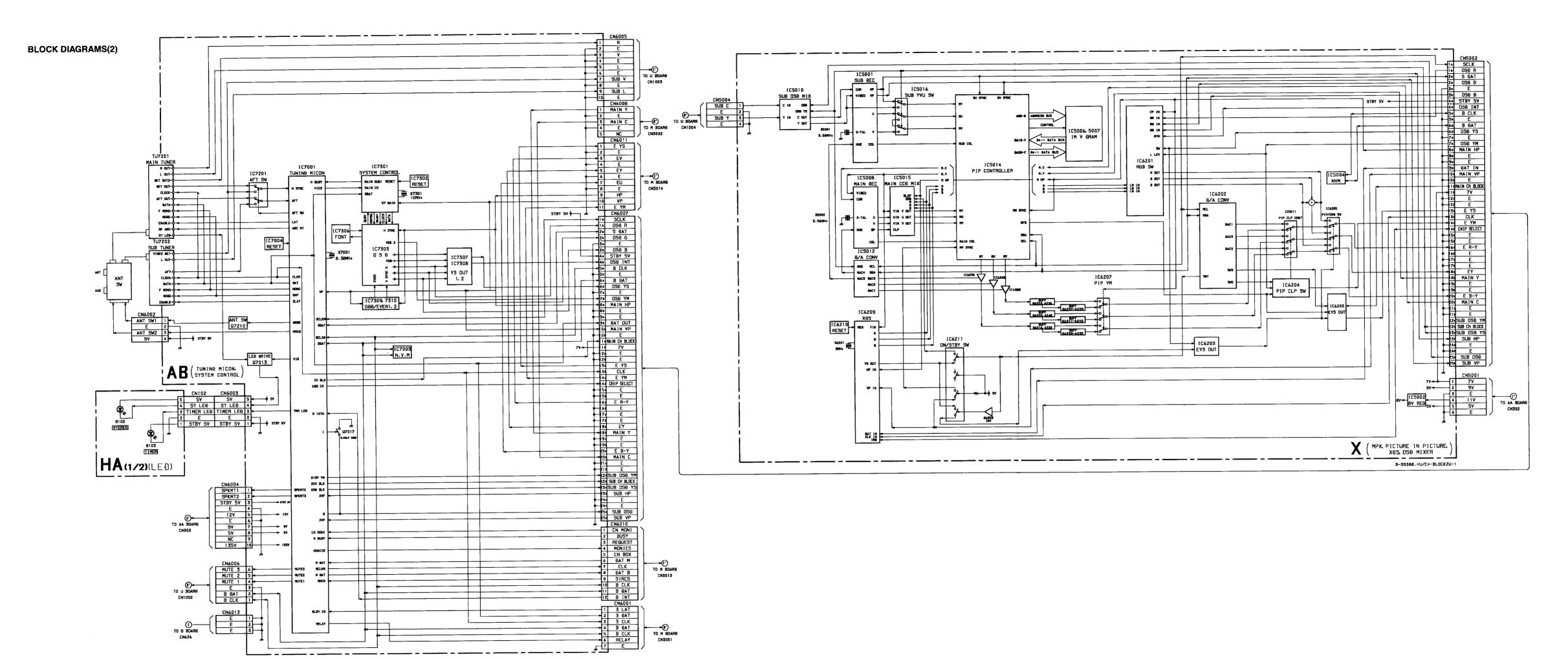
ILLUSTRATION AND SHAPE AND NUMBER	*Less than 3.35 mA	E BOARD - COMPONENT SIDE - IC651 A I A	*120.0 ± 1.0 V, 60 Hz *135.0 ± 2.0 VDC *130.0 +2.0 VAC *Less than 137.0 VDC	
ADJUSTMENT LOCATION	*PICTURE BRIGHTNESS		* PICTURE minimum BRIGHTNESS minimum	
MEASUREMENT POSITION			*CN681 pin ① *CN681 pin ①	
EQUIPMENT AND SIGNAL			*Dot pattern	
ADJUSTMENT ITEM AND PROCEDURE	4. Gradually raise the *PICTURE and BRIGHTNESS settings and check that below an *ABL current of 3.35 mA (including dark current), the beam current protection circuit operates and the rasters disappear.	+B, +B MAX CHECK When replacing the G board IC651, check the following.	 Input *120.0 ± 1.0 V, 60 Hz power. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums. Check that the *+B line voltage is now *135.0 ± 2.0 VDC. Set the power supply to *130.0 ^{+2.0}VAC. Check that the *+B line voltage is *137.0 VDC max. If either 3 or 5 is not satisfied, replace IC651 again. 	

- 34 -

SECTION 4 DIAGRAMS

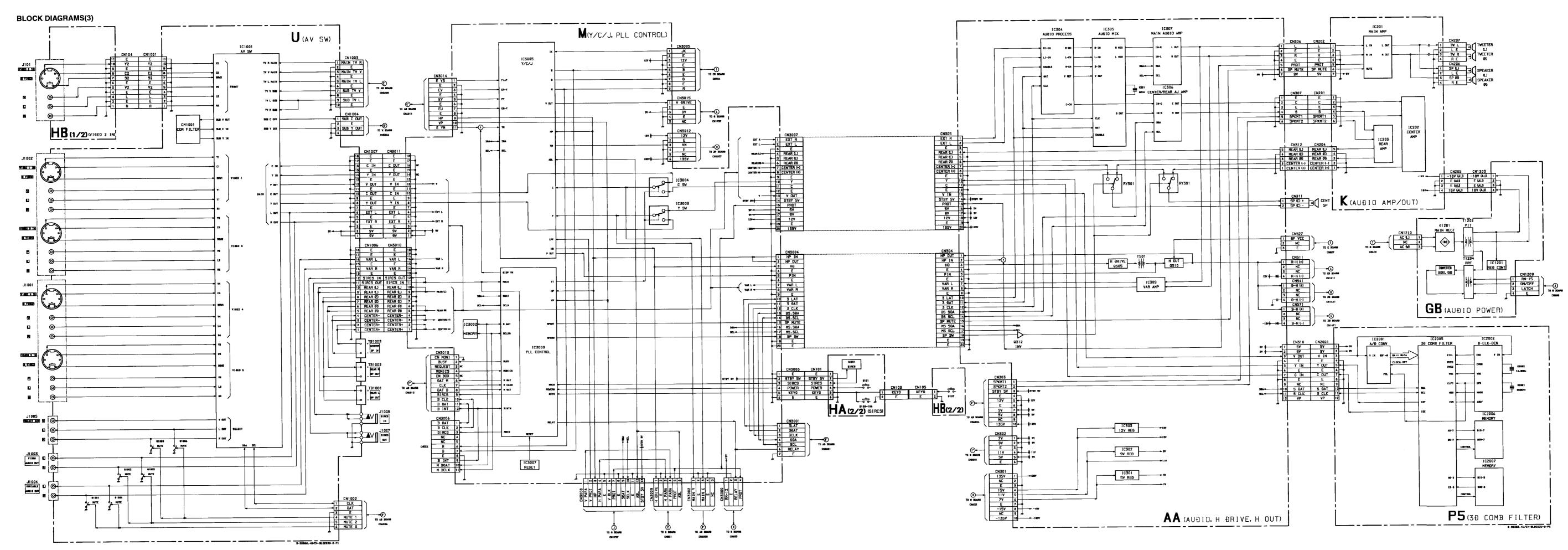


B-55388. <U/C>-BLOCKZU-4



— 37 —

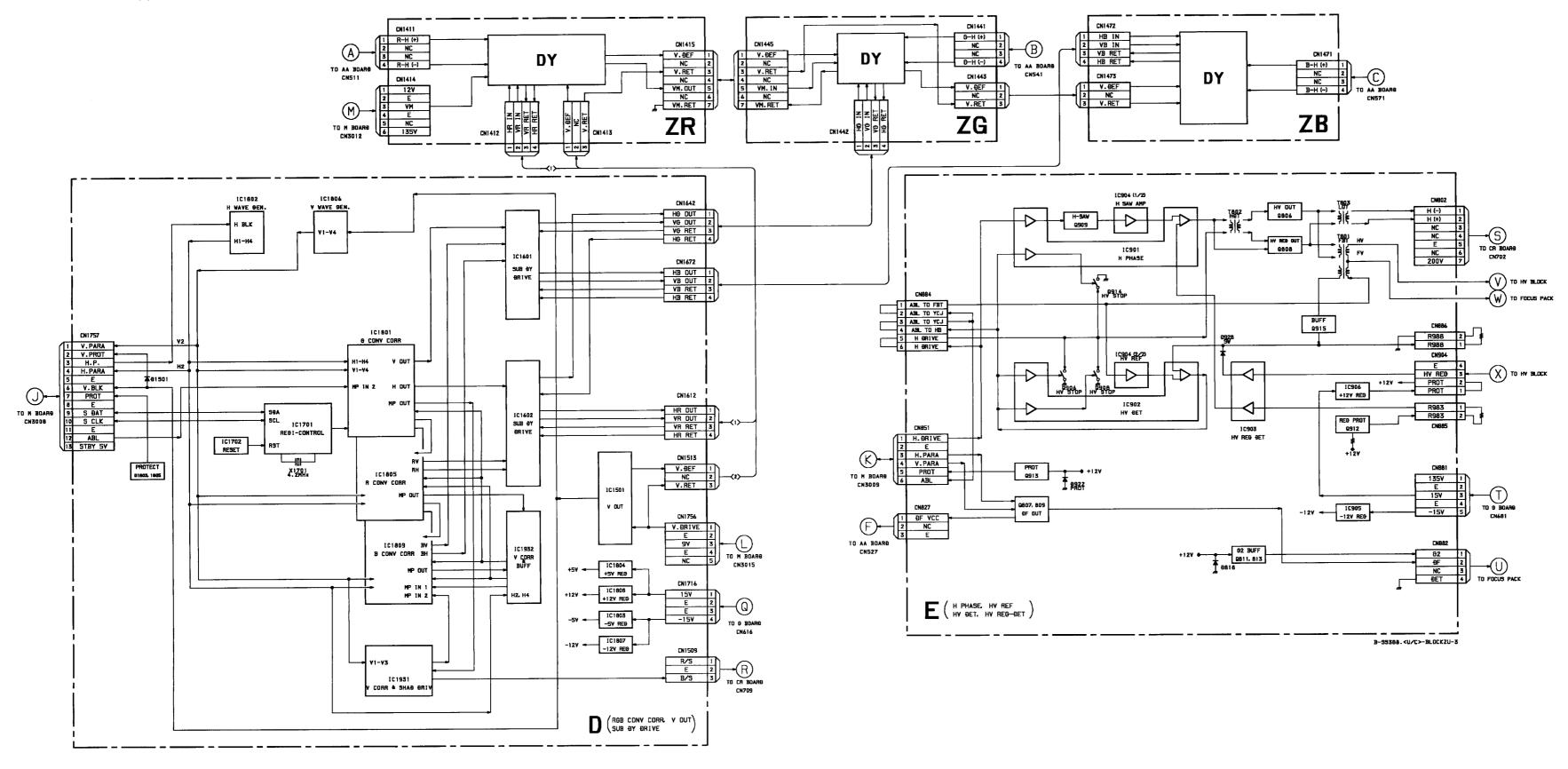
- 39 -



-41 -

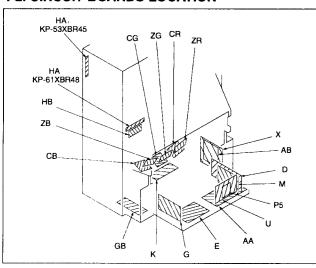
— 44 —

-45 -



- 46 -

4-2. CIRCUIT BOARDS LOCATION



4-3. PRINTED WRING BOARDS AND SCHEMATIC DIAGRAMS

...

- All capacitors are in μF unless otherwise noted. pF : $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms.
- $k\Omega$ =1000Ω, $M\Omega$ =1000 $k\Omega$
- Indication of resistance, which dose not have one for rating electrical power, is as follows.

Pitch : 5mm
Rating electrical power : 1/4W

- fusible resistor.# mark parts are not mount.
- ∆ : internal component.

• Two : nonflammable resistor.

- internal component.
 panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise
- noted.

 The components identified by

 in this basic schematic diagram have been
- carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.

 Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved.
- (Refer to R808,R809,R983 and R988 adjustment on Page 30 34.)

 When replacing the part in below table, be sure to perform the related adjustmen

Part replaced (🗷)	Adjustment ()
HVBlock Q915, D804, D806, D809, D909, D912, C818, R809, R855, R856, R857, R858, R954, R955, R983, R984, R988, R991, R995, R996, R998, T801(FBT), T803	HV HOLD-DOWN (R809, R988)
HV Block, Q909, D902, D920, D925, C918, C930, C934, C980, R808, R851, R929, R936, R939, R942, R944, R945, R946, R947, R950, R965, R967, R971, R975, R976, R982, R983, R985, R998E BOARD	HV Reagurator (R808, R983)

 As to the voltage volue shown by the semiconductors on the Shematic Diagram, see the another list

Voltage variations may be noted due to normal production tolerances.

- · Readings are taken with a color-bar signal input.
- Readings are taken with a $10M\Omega$ digital multimeter.
- · Voltages are dc with respect to ground unless otherwise noted.
- All voltages are in V.
- * : Measurement impossibillity.

Reference information

RESISTOR : RN METAL FILM

: RC SOLID

: FPRD NONFLAMMABLE CARBON

: FUSE NONFLAMMABLE FUSIBLE

: RW NONFLAMMABLE WIREWOUND

S NONFLAMMABLE METAL OXIDE

RB NONFLAMMABLE CEMENT

** ADJUSTMENT RESISTOR

COIL : LF-8L MICRO INDUCTOR

CAPACITOR : TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

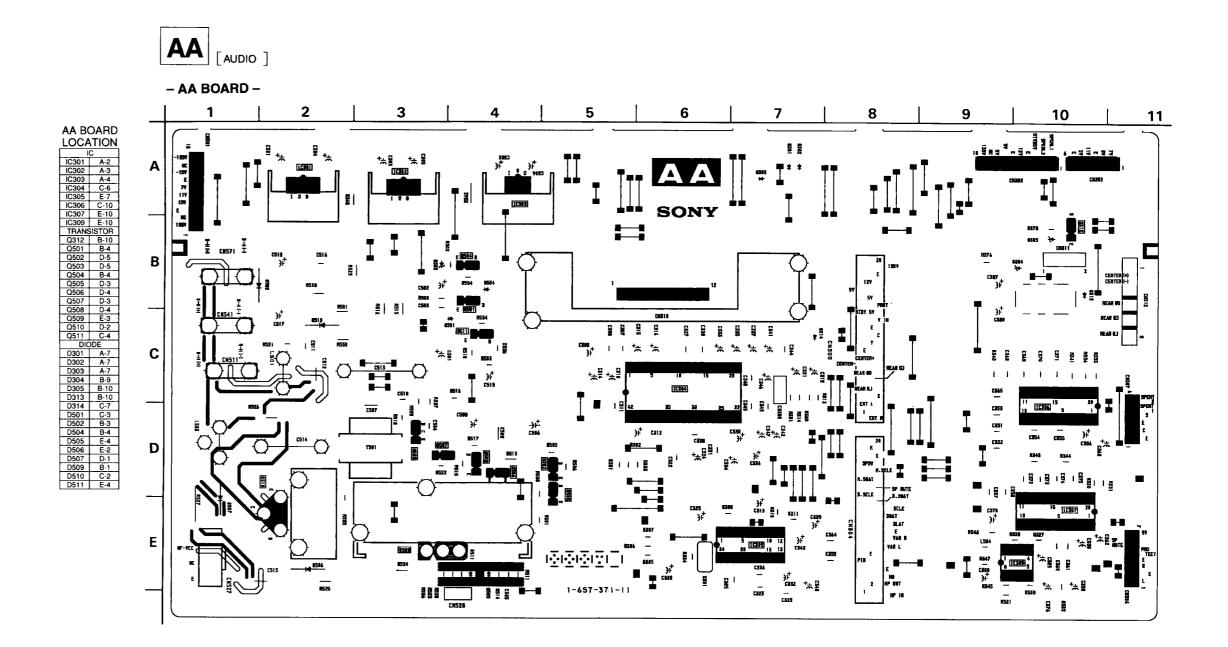
Note: The symbol 🖽 display is on the component side.

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

The symbol indicate fast operating fuse. Replace only with fuse of same rating as maked.

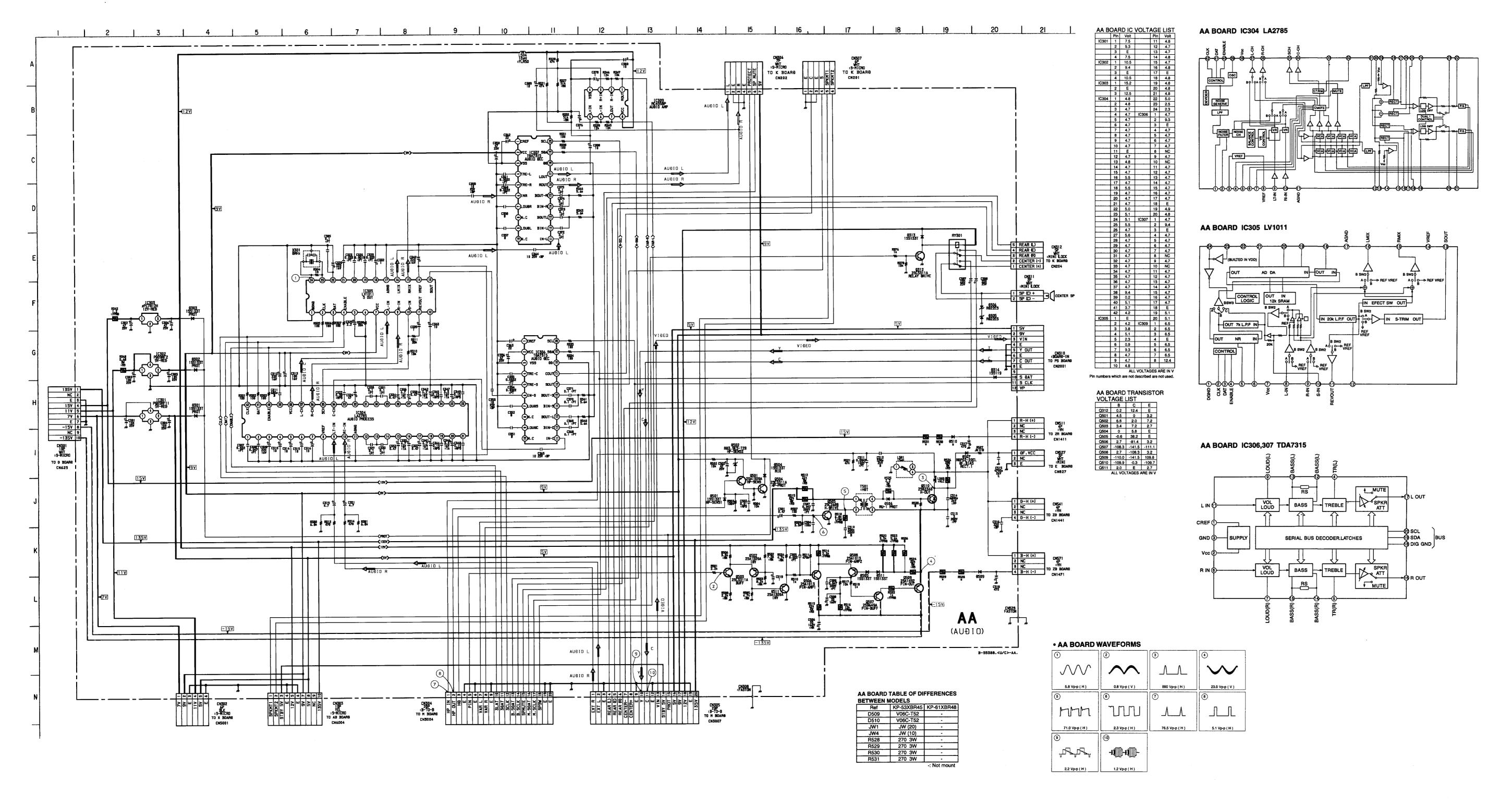
Note: Les composants identifiés per un tramé et une marque sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

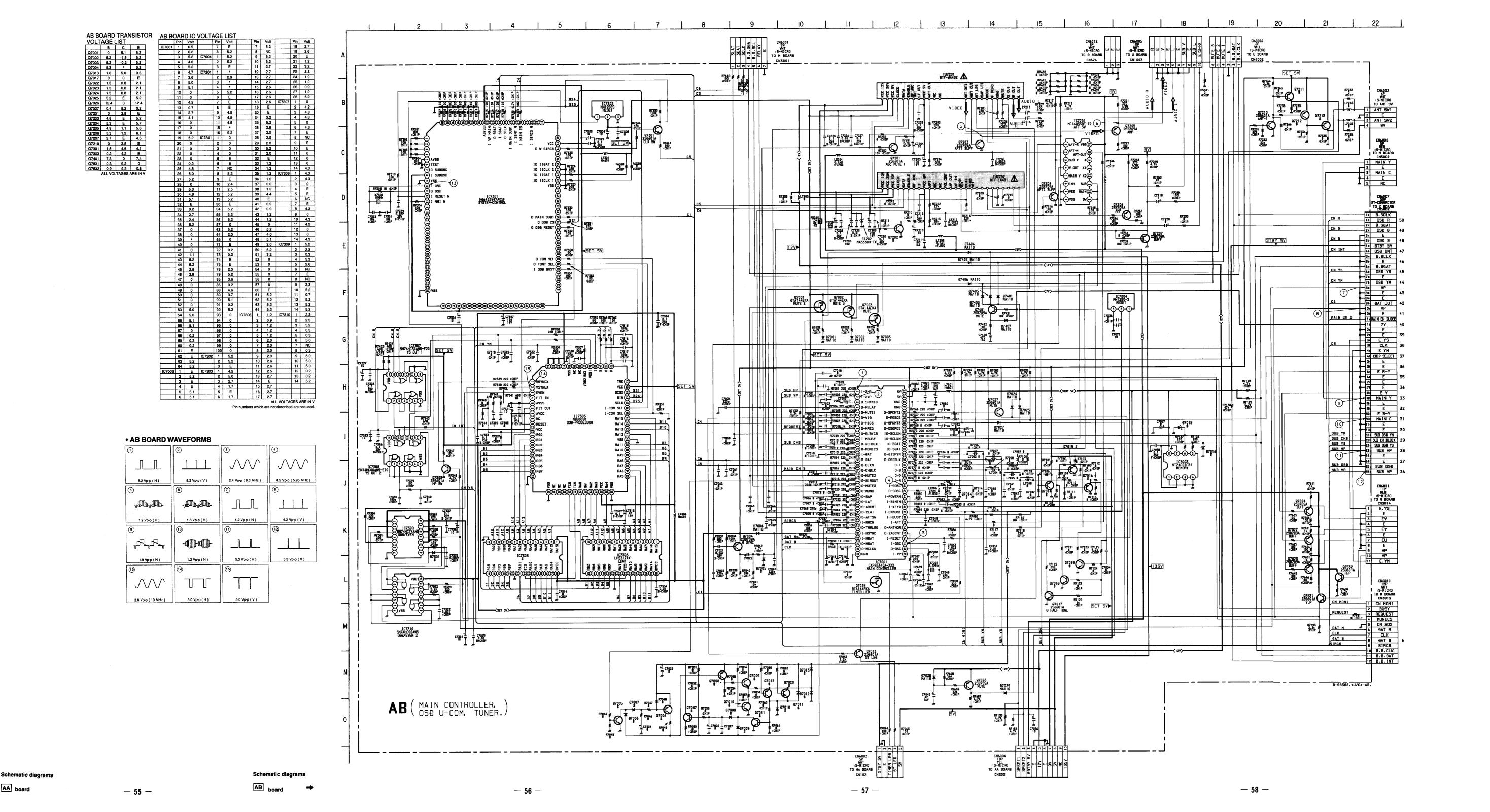
Le symbole \blacksquare indique une fusible a action rapide. Doit etre remplacee par une fusible de meme yaleur, comme maque.



— 50 —

-48-







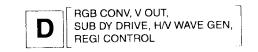
- AB BOARD - (Component Side) 15 A THE PROPERTY OF THE PARTY OF 17767 | 17767 | 17767 |

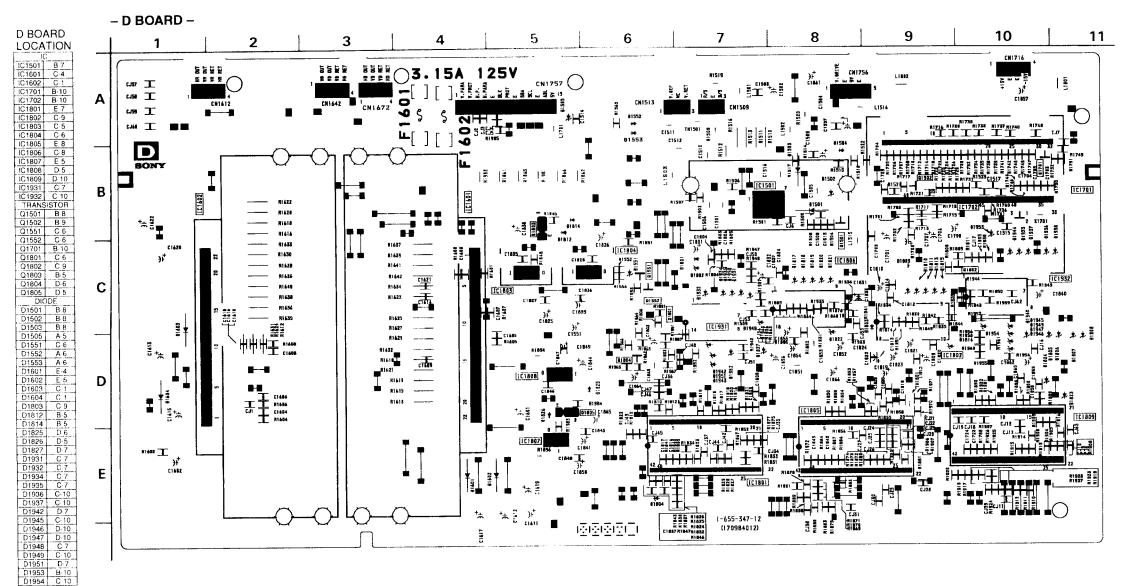
(Conductor Side)

AB BOARD LOCATION

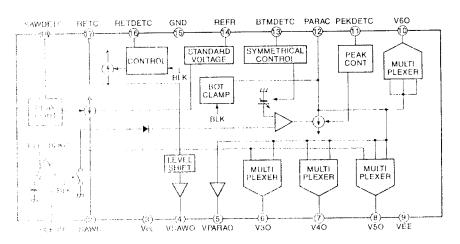
Note:

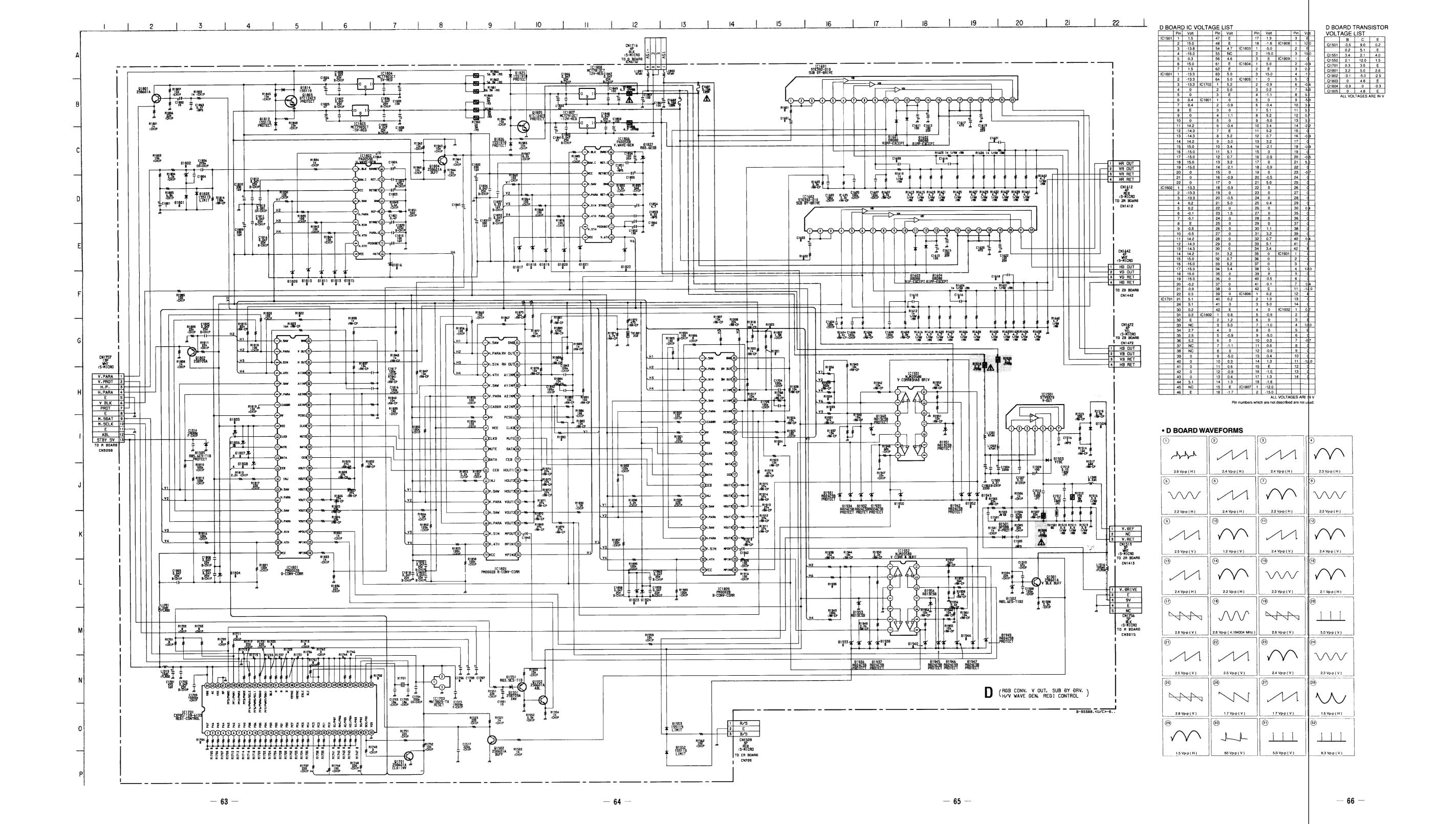
• [Pattern of the rear side.

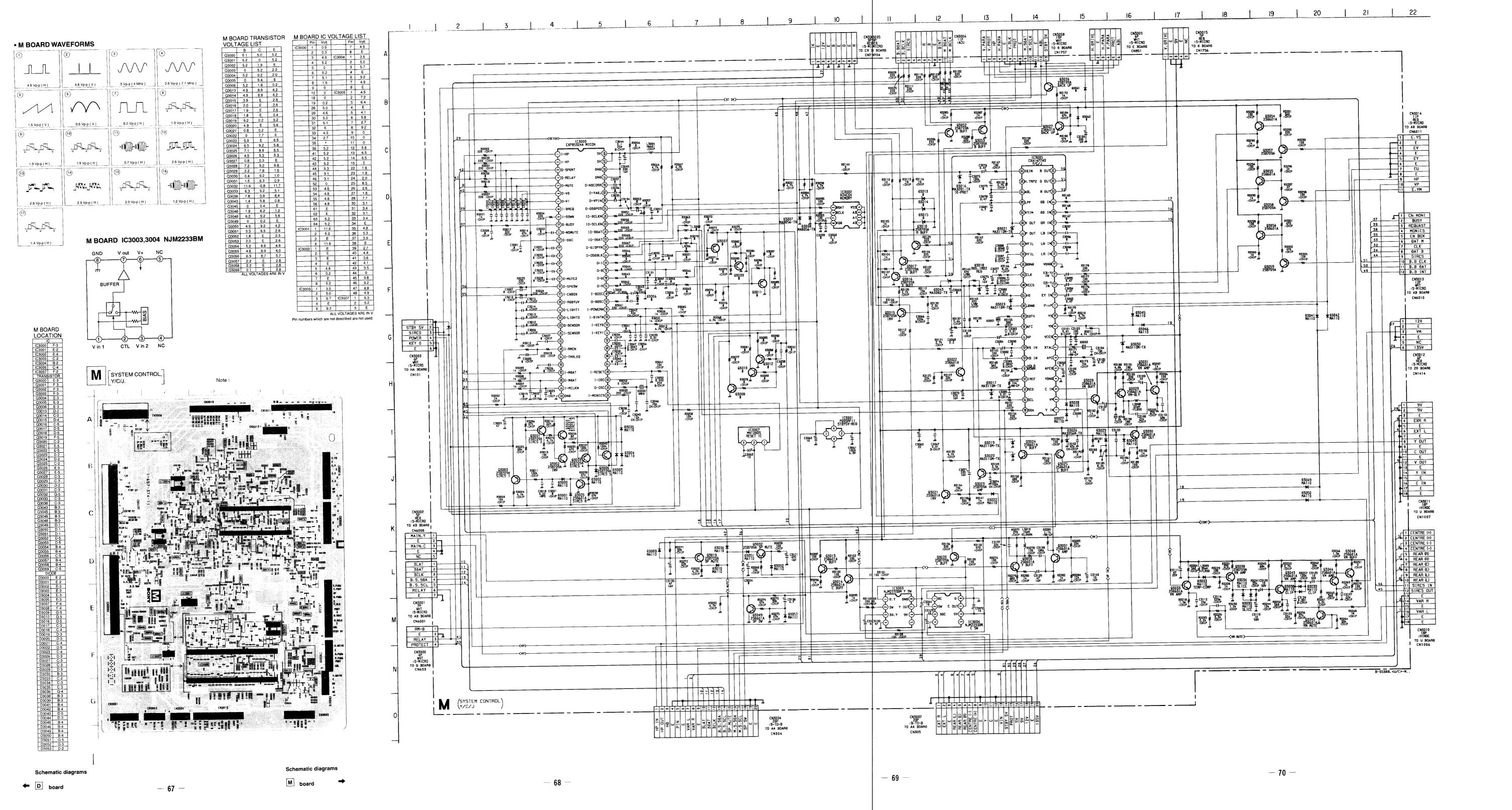


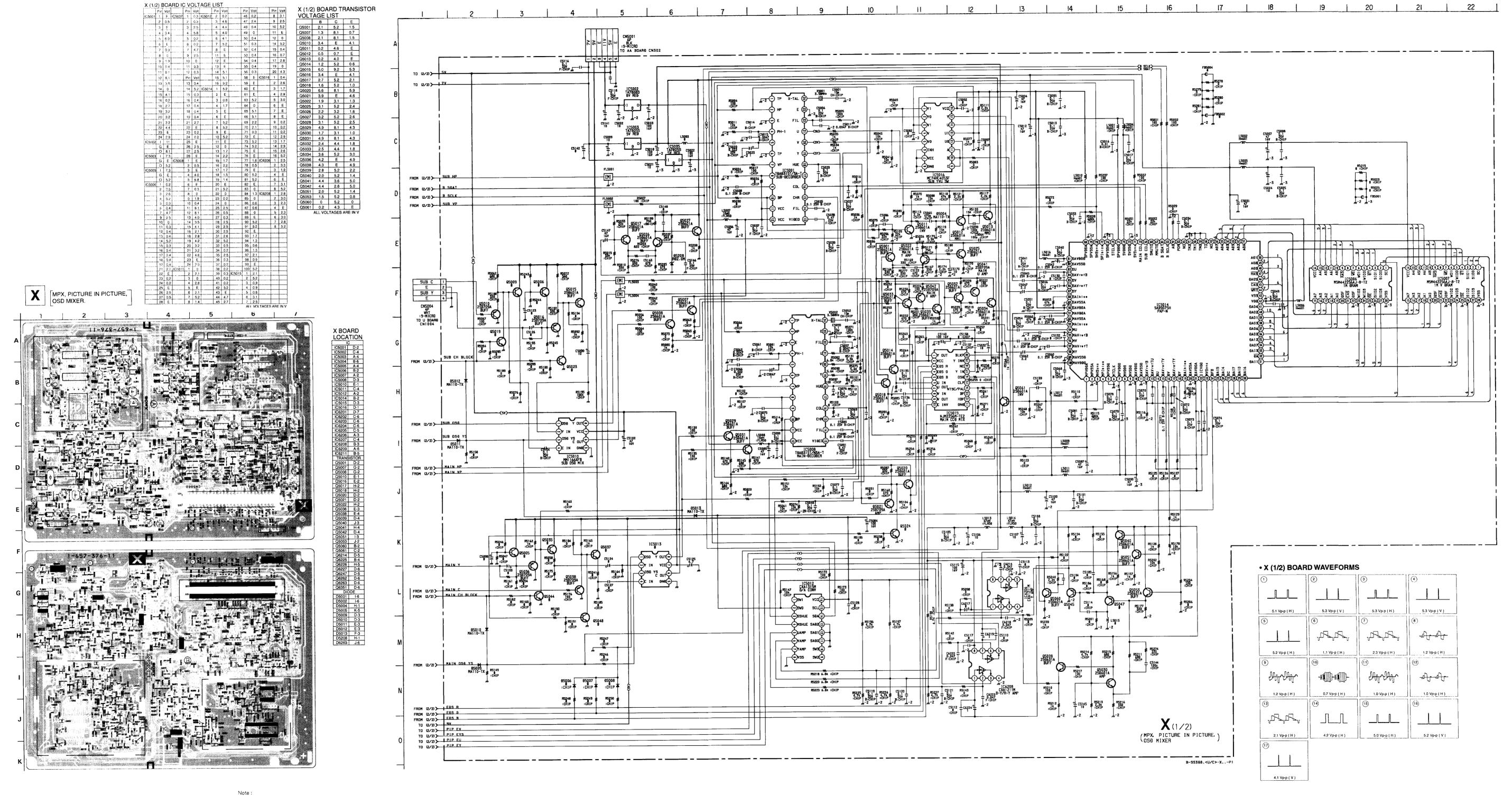


D BOARD IC1802 PA0053B



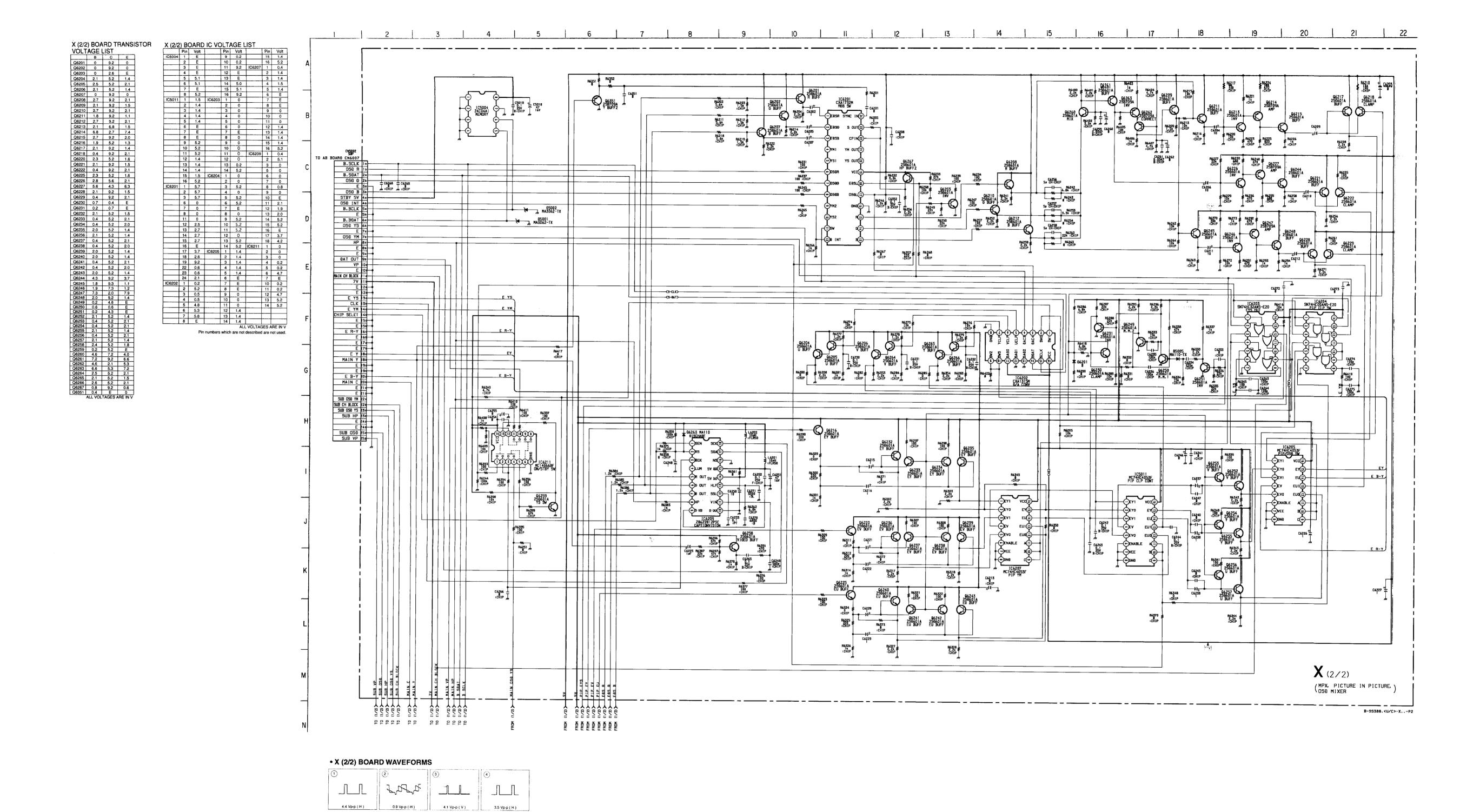






- 73 -

71

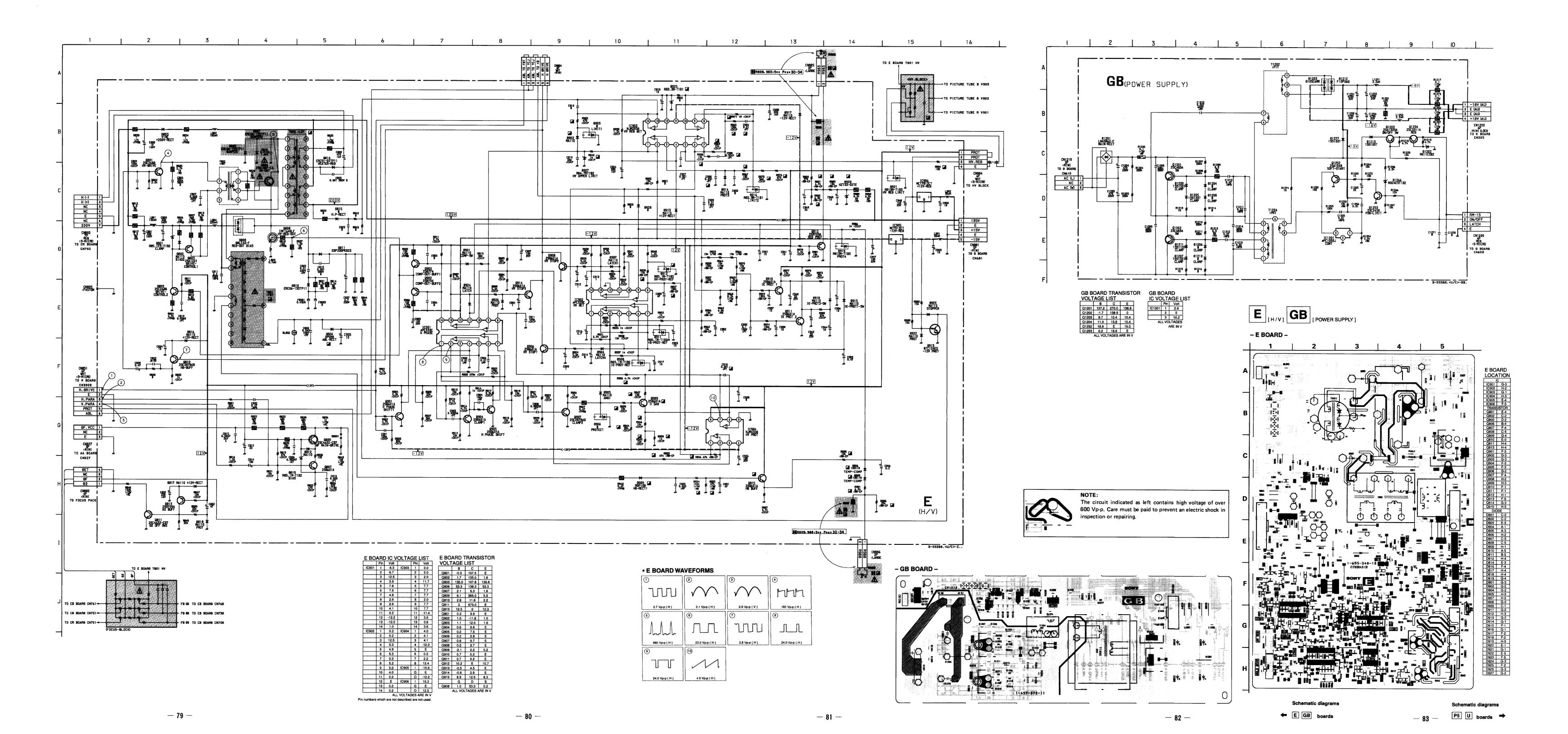


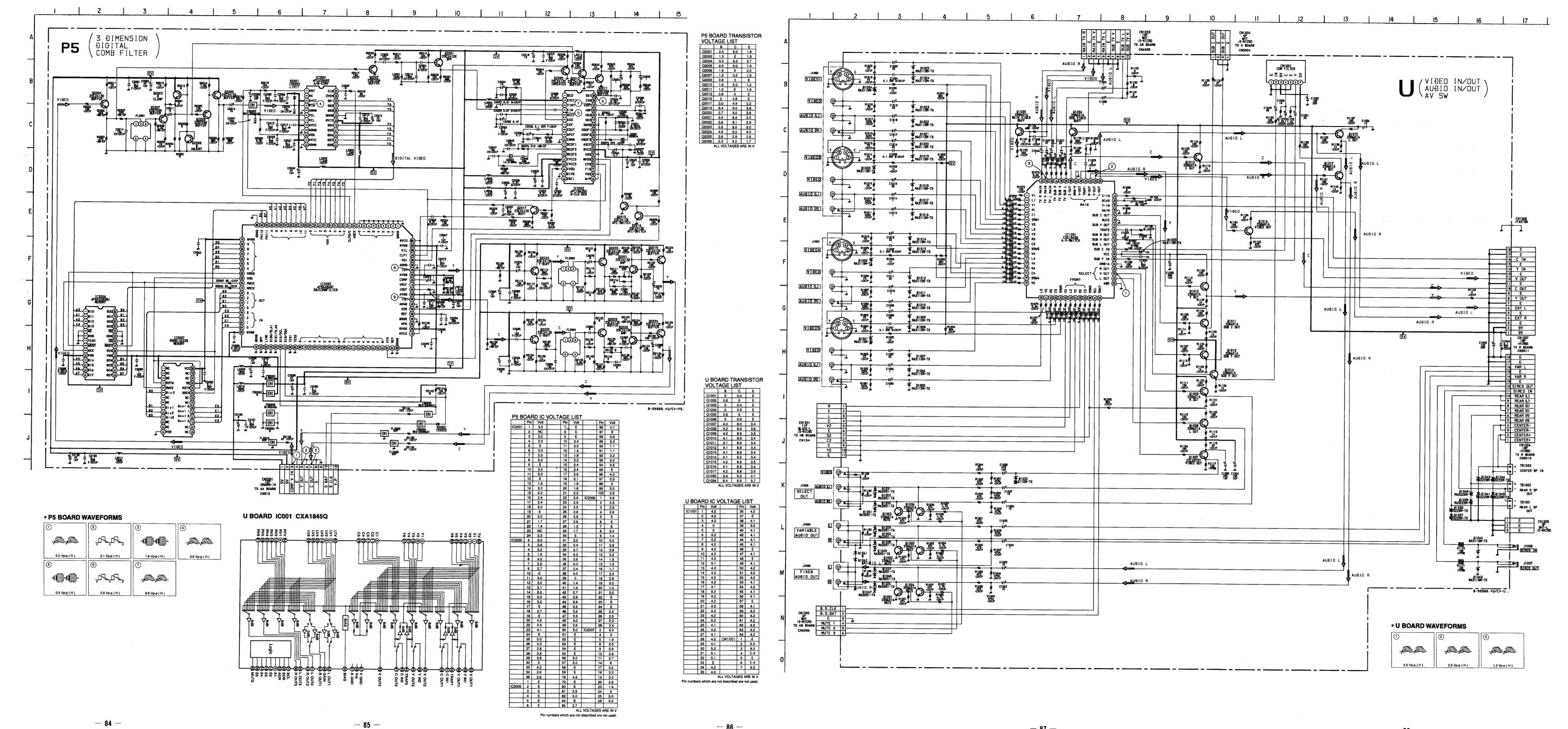
← X(1/2) board

— **75** —

— 76 —

— 77 —





— 86 —

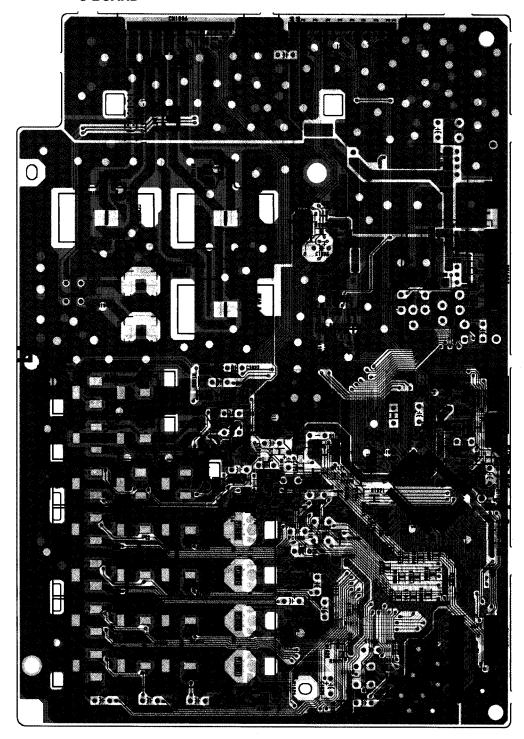
- 87 -

— 88 —

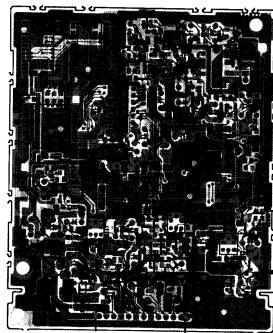




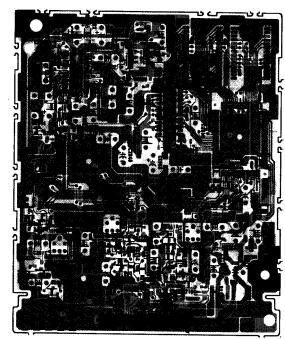
- U BOARD -



- P5 BOARD - (Component Side)



(Conductor Side)



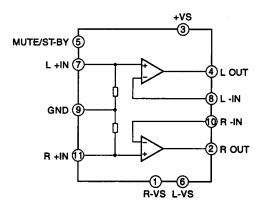
Note:

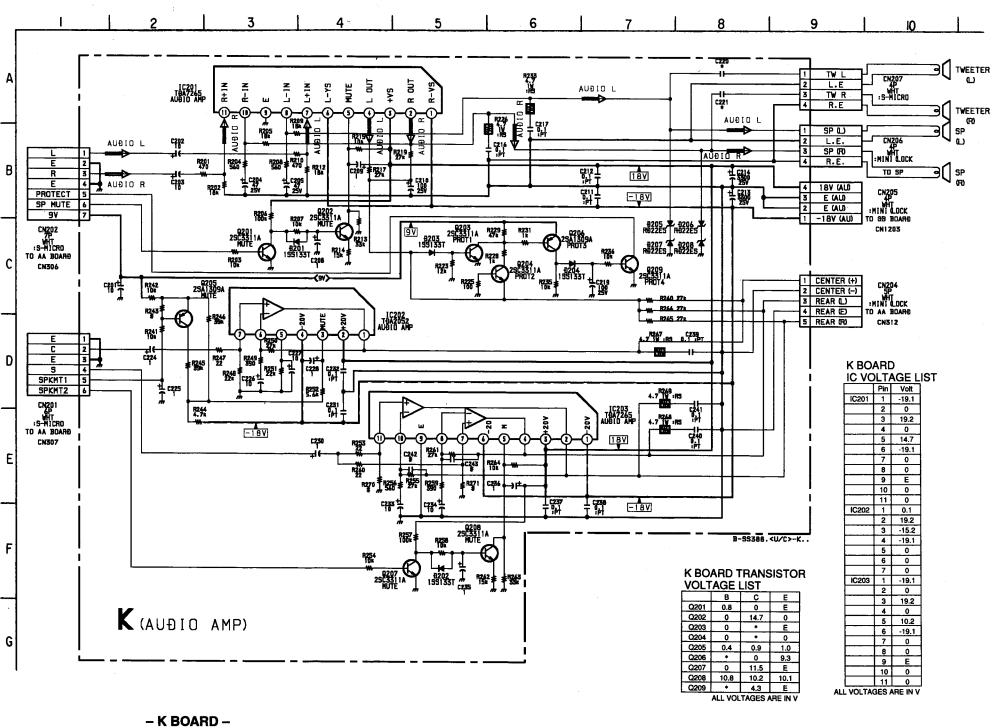
- · : Pattern from the side which enables seeing.
- Pattern of the rear side.

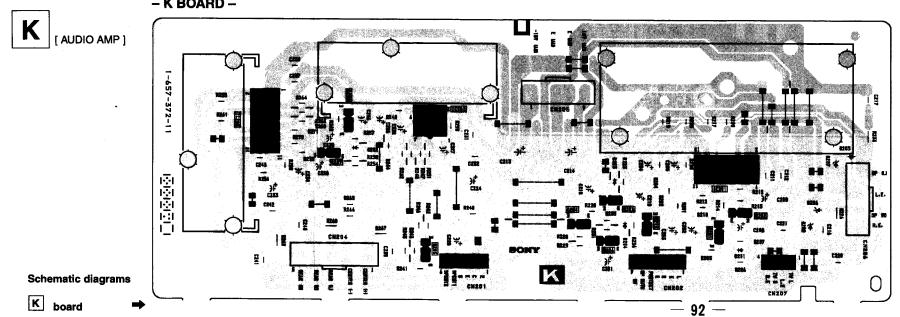
K BOARD BOARD TABLE OF DIFFERENCES RETWEEN MODELS

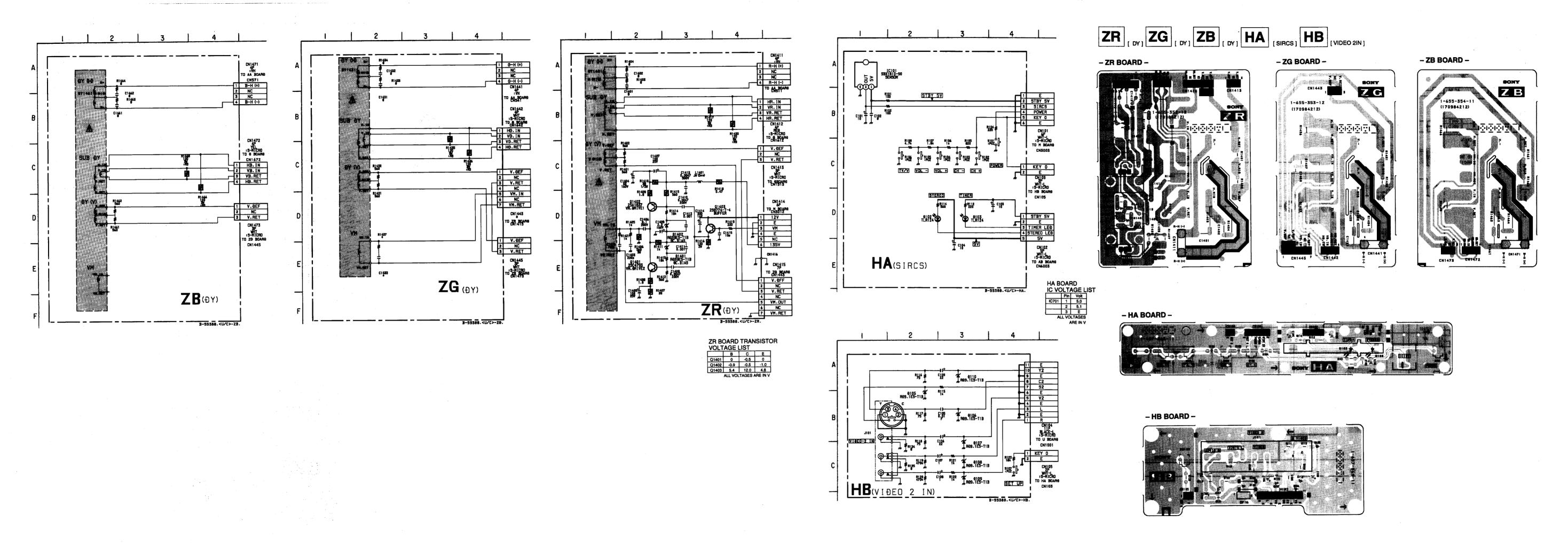
Ref	KP-53XBR45	KP-61XBR48
C220	JW (5)	-
C221	JW (5)	-
		-: Not mount

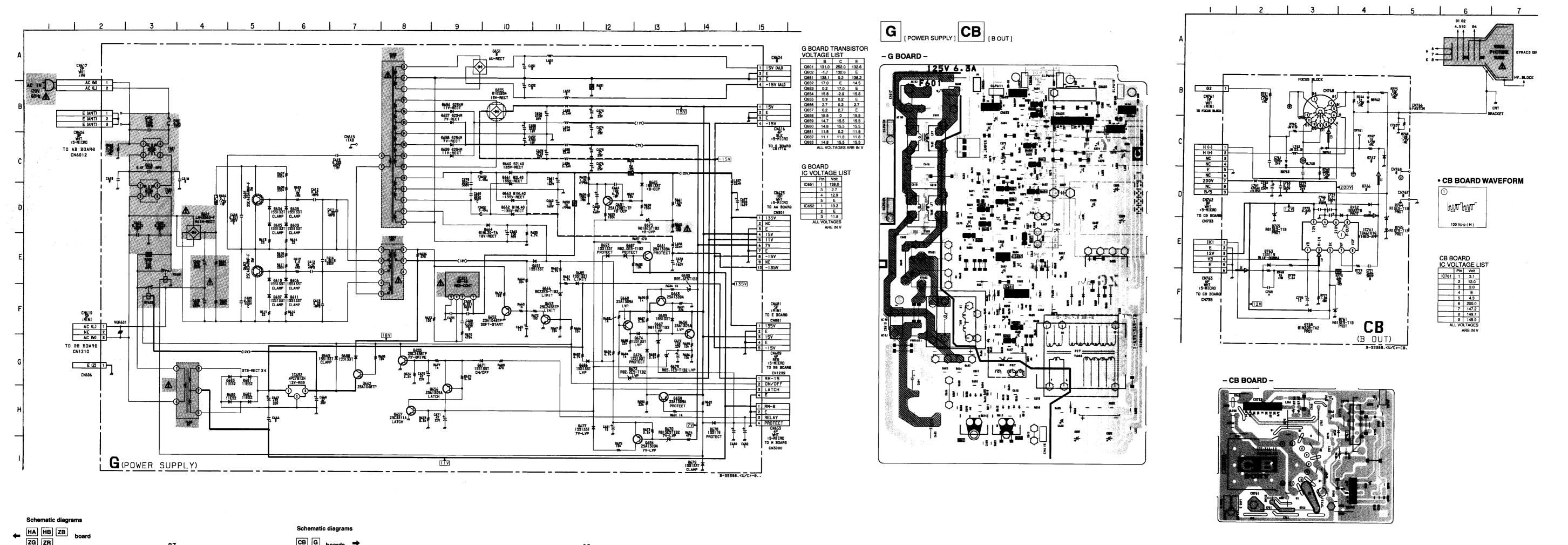
K BOARD IC201 TDA7265

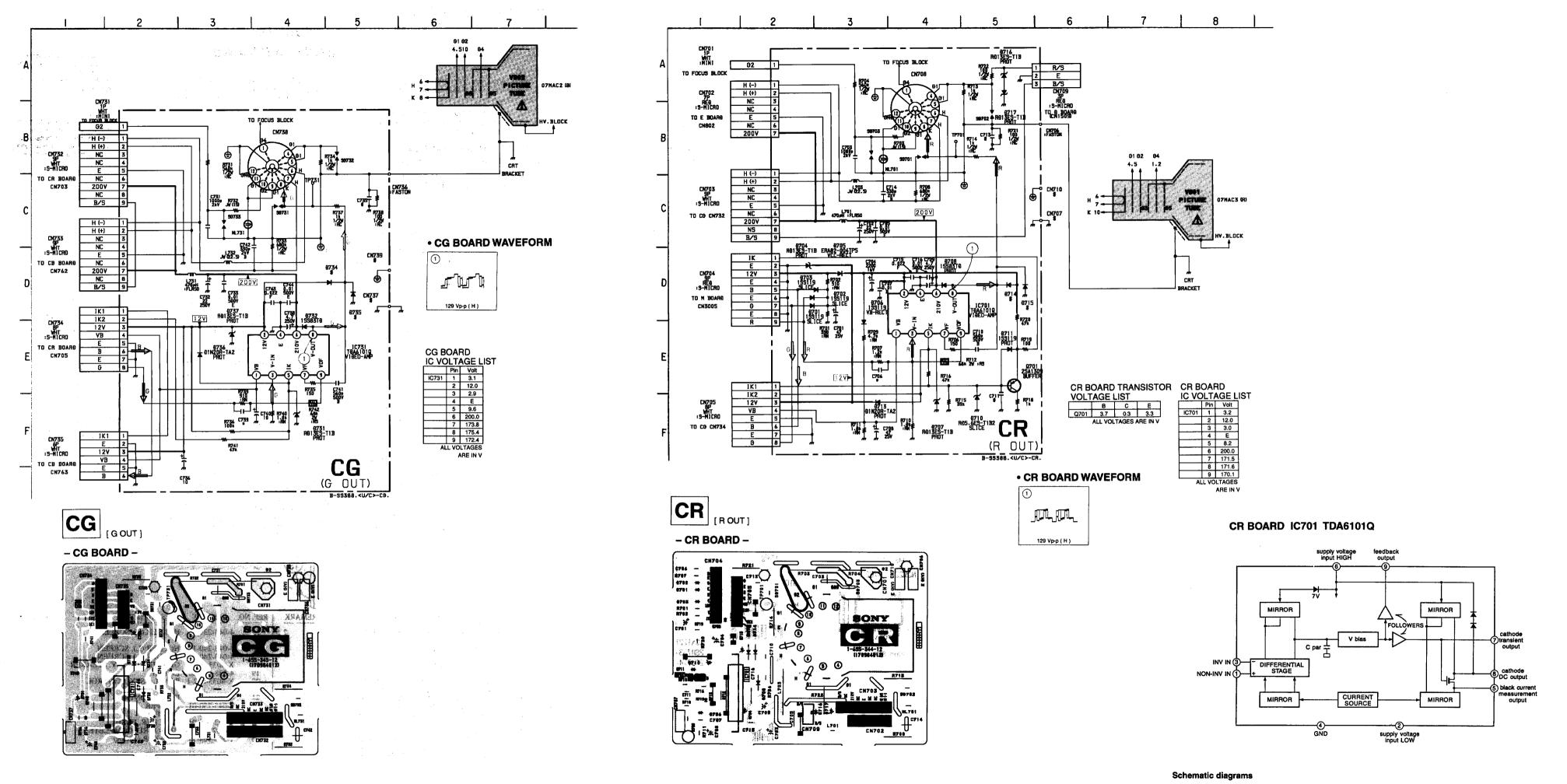




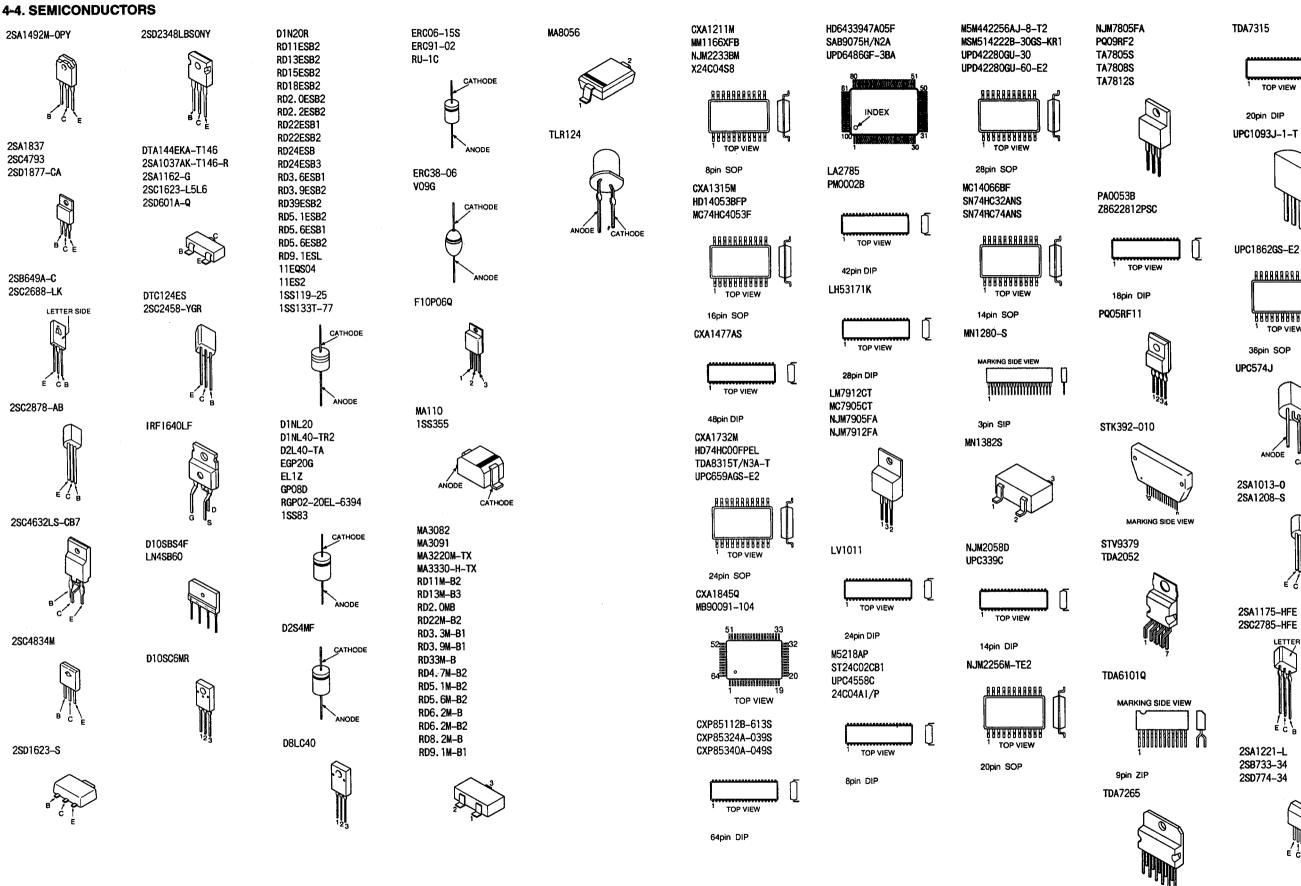








4-4. SEMICONDUCTORS



KP-53XBR45/61XBR48 RM-Y128 RM-Y128

SECTION 5 EXPLODED VIEWS

anticipated when ordering these items.

TOP VIEW

ARRARARRARA

нинининини TOP VIEW

- · Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

5-1. COVER (KP-53XBR45)

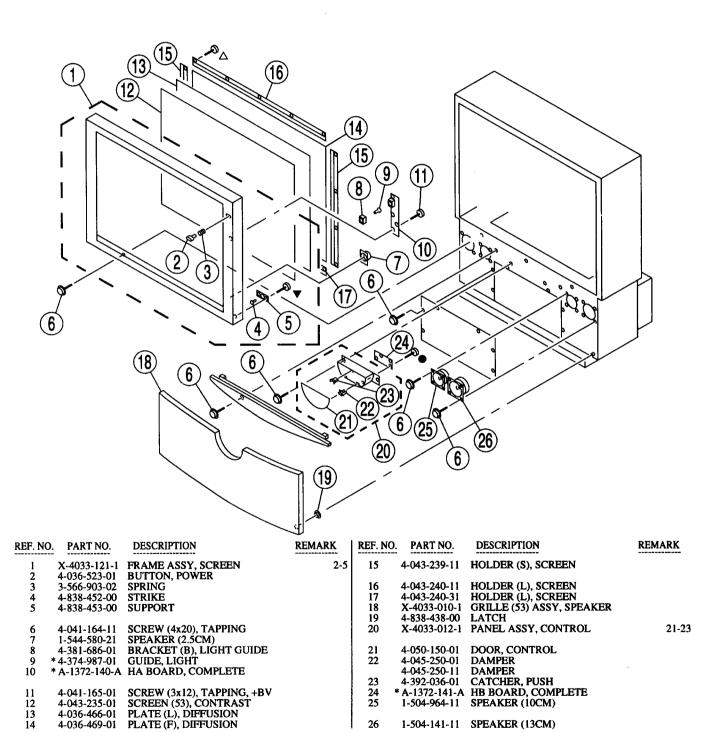
="	
: 7-685-648-79	+BVTP 3x12
▼ : 7-685-248-14	+KTP 3x12
△ : 7-685-661-14	+BVTP 3x12

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be

The componants identified by shading and mark A are critical for safety.

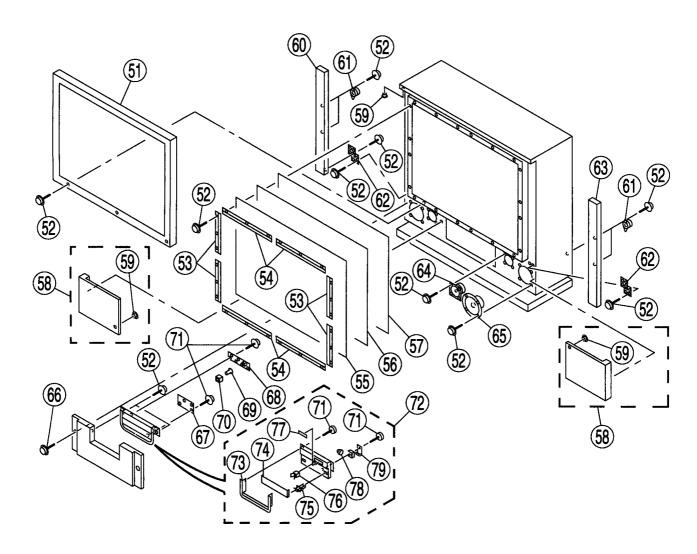
Replace only with part number specified.

Les composants identifies par une trame et une marque A sont critiques pour la securite. piece portant le numero specifie.



26 1-504-141-11 SPEAKER (13CM)

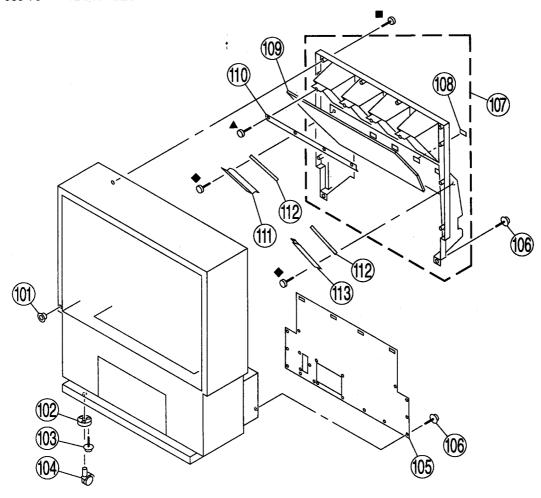
5-2. COVER (KP-61XBR48)



REF. N	O. PART NO.	DESCRIPTION	REMARK	REF. NO	PART NO.	DESCRIPTION	REMARK
51	X-4031-177-1	FRAME ASSY, SCREEN		66	4-378-522-21	SCREW, TAPPING, HEXAGON HE	AD
52	4-041-164-11	SCREW (4x20), TAPPING				HB BOARD, COMPLETE	
53	4-044-727-01	HOLDER (S), SCREEN				HA BOARD, COMPLETE	
54	4-044-726-01	HOLDER (L), SCREEN		69	* 4-389-517-01	GUIDE (R), LIGHT	
55	4-044-725-11	SCREEN (61), CONTRAST		70	4-381-686-01	BRACKET (B), LIGHT GUIDE	
56	4-040-124-11	PLATE (L), DIFFUSION		71	4-041-165-01	SCREW (3x12), TAPPING, +BV	
57	4-040-123-11	PLATE (F), DIFFUSION		72	X-4033-120-1	PANEL ASSY, CONTROL	71, 73-79
58	X-4033-008-1	GRILLE (B) ASSY, SPEAKER	59	73	4-040-584-01	COVER, EDGE	
59	4-838-438-00	LATCH		74	4-036-511-31	LID, CONTROL	
60	X-4033-005-1	GRILLE (T/L) ASSY, SPEAKER		75	3-703-035-11	SHAFT, LID	
61	1-504-756-11	SPEAKER (5CM)		76	4-392-036-01	CATCHER, PUSH	
62	* 4-040- 6 00-01	BRACKET, SPEAKER GRILLE		77	4-036-510-21	PANEL, INDICATOR	
63	X-4033-006-1	GRILLE (T/R) ASSY, SPEAKER		78	3-720-417-01	DAMPER, OIL	
64	1-504-964-11	SPEAKER (10CM)		79	4-036-513-01	SPRING, LID	
65	1-504-313-11	SPEAKER (16CM)					

5-3. MIRROR

▲: 7-685-661-79 +BVTP 4x12 ■: 7-685-663-79 +BVTP 4x16 ♦: 7-685-665-79 +BVTP 4x25



REF. N	O. PART NO.	DESCRIPTION	REMARK	REF. NO	D. PART NO.	DESCRIPTION	REMARK
101	4-838-438-00	LATCH		107	X-4033-048-1	COVER ASSY, MIRROR	108
102	4-030-850-01	SOCKET, CASTER		108	4-048-150-01	CAP, HOLE	
103	4-378-522-01	SCREW, TAPPING, HEXAGON HE	AD	ŀ			
104	4-039-546-01	CASTER (KP-53XBR45)		109	4-050-388-01	MIRROR, REFLECTION	
	4-040-508-01	CASTER (KP-61XBR48)		110	* 4-037-351-01	HOLDER, MIRROR	
		,		111	* 4-049-097-01	HOLDER (LEFT), SIDE	
105	* 4-050-374-01	BOARD, REAR (KP-61XBR48)		112	* 4-049-098 - 01	CUSHION	
	* 4-050-394-01	BOARD, REAR (KP-53XBR45)		113	* 4-049-096-01	HOLDER (RIGHT), SIDE	
106	4-041-164-11	SCREW (4x20), TAPPING					

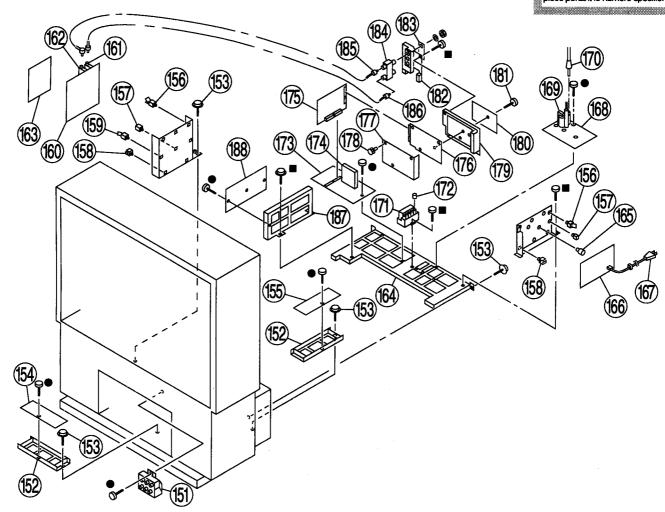
The components identified by shading and mark \triangle are critical for safety.

Replace only with part number specified.

5-4. CHASSIS

● : 7-685-648-79 ■ : 7-685-663-79 +BVTP 3x12 +BVTP 4x16

Les composants identifies par une trame et une marque extstyle extstyle



REF. NO	. PART NO.	DESCRIPTION	REMARK	REF. NO	PART NO.	DESCRIPTION	REMA	RK
152 153 154	* 4-049-251-01 4-041-164-11 * A-1380-498-A		(P-61XBR48)	171 <i>d</i> 172 173	8-598-955-00 4-373-137-01 * A-1297-540-A	LEAD ASSY, HV BLOCK ASSY HIGH-VOLTAGE CAP (Z), RUBBER AA BOARD, COMPLETE (KP-53) AA BOARD, COMPLETE (KP-61)	(BR45)	174 174
156 157 158	* 3-703-141-00 * 4-382-848-01	GB BOARD, COMPLETE HOLDER, BOARD HOLDER, BOARD HOLDER, BOARD HOLDER, BOARD		175 176	* A-1306-507-A * A-1373-526-A * 4-050-387-01	P5 BOARD, COMPLETE M BOARD, COMPLETE U BOARD, COMPLETE PLATE, SHIELD, U RIVET, T TYPE		
161 ∆ 162 ∆ 163	. 8-598-254-00 . 8-598-047-11 * A-1394-673-A	AB BOARD, COMPLETE TUNER (BTF-WA402) TUNER, ET (BTF-LA401) X BOARD, COMPLETE BRACKET, MAIN BOARD		179 180 181 182 183	4-050-390-01 4-041-165-01 4-047-952-11	TERMINAL BOARD (A) LABEL (A), TERMINAL SCREW (3x12), TAPPING, +BV TERMINAL BOARD (B) LABEL (B), TERMINAL		
166 167 ∆ 168	* A-1316-229-A . 1-769-837-11 * A-1341-885-A	SPACER, BOARD SPACE G BOARD, COMPLETE CORD, POWER(WITH NOISE FI E BOARD, COMPLETE TRANSPORMER ASSY, FLYBACK	***************************************	186 187	* 1-751-135-11 * 4-047-950-01	SELECTOR, ANTENNA CABLE, PIN CABLE, PIN BRACKET, D BOARD D BOARD, COMPLETE		

5-5. PICTURE TUBE

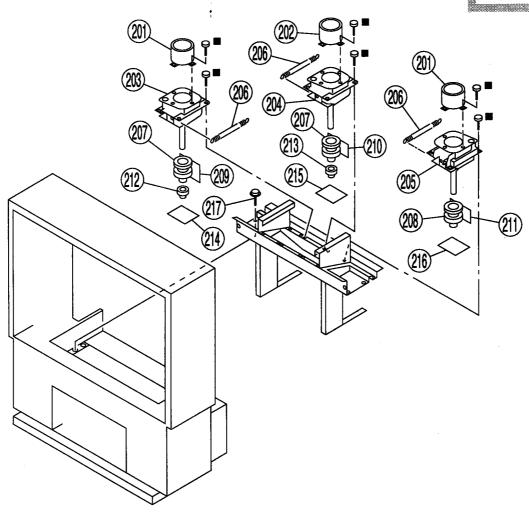
■: 7-685-663-79 +BVTP 4x16

The componants identified by shading and mark \triangle are critical for safety.

Replace only with part number

Replace only with part number specified.

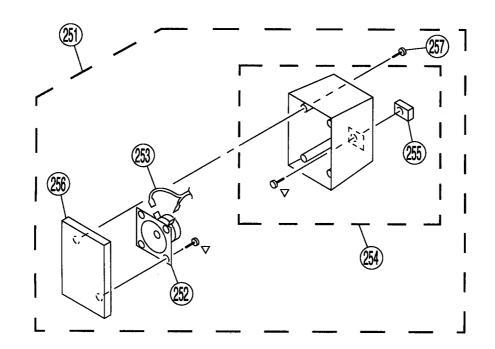
Les composants identifies par une trame et une marque \(\Lambda\). Soi to critiques pour la securite. Noi tes remplacer que par une piece portant le numero specifie.



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO	PART NO.	DESCRIPTION	REMARK
201	4-040-131-01	LENS (LINNIT POIN	Γ6)	210	* A-1390-489-A	ZG BOARD, COM	MPLETE
202	4-040-131-11	LENS (LINNIT POIN	Γ 6)	211 '	* A-1390-491-A	ZB BOARD, COM	APLETE
203 ⚠.	8-736-644-05	PICTURE TUBE 07M	AC3(R) (LONG NECK)	212 A	. 1-452-790-21	NECK ASSY	
204 A.	8-736-642-05	PICTURE TUBE 07M	AC2(G) (LONG NECK)		.1-452-790-11		
				214	* A-1331-501-A	CR BOARD, COM	MPLETE
205 🛦.	8-736-643-05	PICTURE TUBE 07M	AC3(B) (LONG NECK)				
206	4-048-142-01	SPRING, TENSION				CG BOARD, CON	
207 A.	1-451-441-11	DEFLECTION YOKE	, DY YS-35159 (R.G)	216		CB BOARD, CON	
208 /h.	1-451-441-21	DEFLECTION YOKE	, DY YS-35160 (B)	217	4-041-164-11	SCREW (4x20), T	'APPING
209 *	A-1390-487-A	ZR BOARD, COMPL	ETE				

5-6. SPEAKER

▽: 7-685-659-79 +BVTP 4x8



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
251 252	A-4307-748-A 1-504-877-11	SS-SR151//C(A)(U) SPEAKER (8CM)	252-257	255	1-537-775-11	TERMINAL BOARD	
253 254	1-765-663-11	CORD CABINET ASSY, SPEAKER	255	256 257	X-4946-077-1 4-929-125-01	PANEL ASSY, FRONT SCREW (M4x16), TAPPING	



specified.

SECTION 6 ELECTRICAL PARTS LIST

NOTE:

Les composants identifies par une trame et une marque Λ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark ∆ are critical for safety.

Replace only with part number

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- The components identified by
 in this manual have been carefully factory- selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When indicating parts by reference number, please include the board name.

- CAPACITORS PF : μμ F
- There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

RESISTORS

- All resistors are in ohms
- F : nonflammable

		• F : no									
REF. NO.	PART NO.	DESCRIPTION		. !	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	* A-1297-539-A	AB BOARD, CO				C7307 C7309 C7310		ELECT CERAMIC CHIP		20% 20%	16V 50V 25V
		******	******			C7311	1-126-964-11		10μ F	20%	50V
						C7312 C7313	1-163-009-11 1-126-967-11	CERAMIC CHIP ELECT	0.001µF 47µF	10% 20%	50V 16V
		<capacitor></capacitor>				C7315 C7316	1-163-251-11	CERAMIC CHIP CERAMIC CHIP	100PF	5% 5%	50V 50V
C5212 C7003		CERAMIC CHIP		10% 5%	50V 50V	C7317		CERAMIC CHIP		5%	50V
C7004	1-163-125-00	CERAMIC CHIP	220PF	5%	50V	C7320	1-164-232-11 1-126-964-11	CERAMIC CHIP		10% 20%	50V 50V
C7012 C7020		CERAMIC CHIP CERAMIC CHIP		5% 5%	50V 50V	C7321 C7323	1-164-004-11	CERAMIC CHIP	10μ F 0.1μ F	10%	25V
C7021	1-163-809-11	CERAMIC CHIP	0.047µF	10%	25V	C7324 C7325	1-163-038-91 1-126-964-11	CERAMIC CHIP ELECT	0.1μF 10μF	20%	25V 50V
C7022 C7023	1-124-903-11		1μF ˙	20% 5%	50V 50V	C7326	1-164-004-11	CERAMIC CHIP	0.1mF	10%	25V
C7028	1-163-141-00	CERAMIC CHIP		5%	50V	C7327	1-126-964-11	ELECT	10µF	20%	50V
C7029	1-126-933-11	ELECT	100μF	20%	16V	C7328 C7329		CERAMIC CHIP CERAMIC CHIP		10% 10%	25V 25V
C7037		CERAMIC CHIP		5%	50V	C7330		CERAMIC CHIP		5%	50V
C7038 C7043		CERAMIC CHIP		5% 10%	50V 25V	C7332	1-163-141-00	CERAMIC CHIP	0.001µF	5%	50V
C7045	1-126-967-11	ELECT	47μ F	20%	16V	C7333	1-164-695-11	CERAMIC CHIP	0.0022µF	5%	50V
C7047	1-163-229-11	CERAMIC CHIP	12PF	5%	50V	C7334 C7337		CERAMIC CHIP CERAMIC CHIP		10% 10%	50V 25V
C7048		CERAMIC CHIP		5%	50V	C7338	1-126-964-11		10μF	20%	50V
C7051 C7056	1-163-031-11	CERAMIC CHIP ELECT	0.01μF 10μ F	20%	50V 50V	C7339	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C7058	1-163-038-91	CERAMIC CHIP	0.İμF		25V	C7418	1-126-935-11		470μF	20%	16V
C7068		CERAMIC CHIP		5%	50V						
C7070 C7203	1-126-964-11	ELECT CERAMIC CHIP	10μF 0.1μF	20% 10%	50V 25V			<connector></connector>	•		
C7204	1-126-964-11	ELECT	10μF	20%	50V			PLUG, CONNEC			
C7205 C7206	1-126-933-11 1-164-161-11	ELECT CERAMIC CHIP	100μF 0.0022μF	20% 10%	16V 50V			PLUG, CONNEC			
						CN6004	* 1-564-513-11	PLUG, CONNEC	TOR 10P		
C7207 C7208	1-126-934-11 1-124-122-11		220μF 100μF	20% 20%	16V 50V	CNOUUS	* 1-304-313-11	PLUG, CONNEC	TOR TUP		
C7209	1-126-934-11	ELECT	220μF	20%	16V			PLUG, CONNEC		D/A DI	D/DLUG)
C7210 C7211	1-126-964-11 1-126-933-11		10μF 100μF	20% 20%	50V 16V			CONNECTOR, BO PLUG, CONNEC		DOAK	D(FLUU)
C7212	1 164 004 11	CERAMIC CHIP	0.1uE	10%	25V			PLUG, CONNEC PLUG, CONNEC			
C7213	1-124-903-11	ELECT	0.1μΓ 1μF	20%	50V			•			
C7214 C7219	1-124-903-11 1-124-903-11		iµF iuF	20% 20%	50V 50V	CN6012	* 1-564-506-11	PLUG, CONNEC	TOR 3P		
C7225		CERAMIC CHIP		10%	25V						
C7226	1-164-232-11	CERAMIC CHIP	0.01µF	10%	50V			<diode></diode>			
C7227	1-164-004-11	CERAMIC CHIP	0.1μİF	10%	25V	D7001		DIODE MA110			
C7228 C7229		CERAMIC CHIP CERAMIC CHIP		10% 10%	25V 50V	D7002 D7003		DIODE MA110 DIODE MA110			
C7230		CERAMIC CHIP		10%	25V	D7004 D7024	8-719-404-46	DIODE MA110 DIODE MA110			
C7239		CERAMIC CHIP		10%	25V						
C7301 C7302		CERAMIC CHIP CERAMIC CHIP		0.5PF 0.5PF	50V 50V	D7025 D7027		DIODE MA110 DIODE MA110			
C7303	1-126-964-11	ELECT	10μ F	20%	50V	D7028	8-719-404-46	DIODE MA110			
C7304	1-126-964-11	ELECT	10μF	20%	50V	D7029 D7202		DIODE MA110 DIODE MA3330-	H-TX		
C7306	1-126-964-11	ELECT	10μF	20%	50V				· -		



REF. NO.	PART NO.	DESCRIPTION	R	REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
D7401 D7402 D7403	8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110			R7007 R7008 R7009	1-216-049-91	METAL GLAZE 220 METAL GLAZE 1K METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
D7404 D7405	8-719-404-46	DIODE MA110 DIODE MA110			R7010 R7011 R7012	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
D7406 D7407		DIODE MA110 DIODE MA110			R7013 R7014	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W
		<ic></ic>			R7015 R7016 R7017	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
IC7001 IC7003 IC7004	8-759-280-74	IC CXP85340A-049S IC ST24C02CB1 IC MN1280-S			R7019 R7019	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W 1/10W
IC7201 IC7301	8-759-300-71	IC HD14053BFP IC HD6433947A05F			R7020 R7021	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W
IC7302 IC7303 IC7306	8-759-335-18	IC MN1280-S IC MB90091-104 IC LH53171K			R7022 R7023 R7024	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
IC7307 IC7308	8-759-925-85	IC SN74HC32ANS IC HD74HC00FPEL			R7025 R7026 R7027	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W
IC7309 IC7310		IC SN74HC74ANS IC HD74HC00FPEL			R7027 R7028 R7029	1-216-033-00	METAL GLAZE 10K METAL GLAZE 220 METAL GLAZE 1K	5% 5% 5%	1/10W 1/10W 1/10W
		<coil></coil>			R7030 R7031 R7032	1-216-049-91	METAL GLAZE 1K METAL GLAZE 1K METAL GLAZE 4.7K	5% 5% 5%	1/10W 1/10W 1/10W
L5204 L7001 L7006	1-414-234-11	INDUCTOR 8.2µH INDUCTOR, FERRITE BEAL INDUCTOR 27µH	D		R7033 R7034	1-216-065-00	METAL GLAZE 4.7K METAL GLAZE 4.7K	5% 5%	1/10W 1/10W
L7208 L7301		INDUCTOR 8.2μH INDUCTOR, FERRITE BEAL	D		R7035 R7036 R7037	1-216-073-00	METAL GLAZE 4.7K METAL GLAZE 10K METAL GLAZE 680	5% 5% 5%	1/10W 1/10W 1/10W
L7304	1-414-234-11	INDUCTOR, FERRITE BEAI	D		R7038 R7039	1-216-097-91	METAL GLAZE 100K METAL GLAZE 1M	5% 5%	1/10W 1/10W
		<transistor></transistor>			R7040 R7041		METAL GLAZE 10K METAL GLAZE 10K	5% 5%	1/10W 1/10W
Q7001 Q7002 Q7003	8-729-027-38 8-729-027-38	TRANSISTOR DTA144EKA- TRANSISTOR DTA144EKA- TRANSISTOR DTA144EKA- TRANSISTOR 25A1162 G	-T146		R7042 R7043 R7063	1-216-057-00	METAL GLAZE 4.7K METAL GLAZE 2.2K METAL GLAZE 100	5% 5% 5%	1/10W 1/10W 1/10W
Q7004 Q7013	8-729-422-27	TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q			R7064 R7066	1-216-033-00	METAL GLAZE 100 METAL GLAZE 220	5% 5%	1/10 W 1/10 W
Q7017 Q7022 Q7023 Q7024	8-729-216-22 8-729-216-22	TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G			R7067 R7068 R7070	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
Q7025	8-729-027-38	TRANSISTOR DTA144EKA	-T146		R7071 R7072	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W
Q7026 Q7027 Q7201 Q7203	8-729-422-27 8-729-422-27	TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G			R7073 R7074 R7075	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
Q7204	8-729-216-22	TRANSISTOR 2SA1162-G			R7076 R7078	1-216-041-00	METAL GLAZE 220 METAL GLAZE 470	5% 5%	1/10W 1/10W
Q7205 Q7206 Q7207 Q7210	8-729-216-22 8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q			R7080 R7082 R7084	1-216-049-91	METAL GLAZE 220 METAL GLAZE 1K METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W
Q7301	8-729-422-27	TRANSISTOR 2SD601A-Q			R7085 R7086	1-216-049-91	METAL GLAZE 4.7K METAL GLAZE 1K	5% 5%	1/10W 1/10W
Q7303 Q7401 Q7531 Q7532	8-729-216-22 8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q			R7087 R7088 R7089	1-216-295-91	METAL GLAZE 220 CONDUCTOR, CHIP METAL GLAZE 1K	5% 5%	1/10W 1/10W
·		<resistor></resistor>			R7090 R7091 R7092	1-216-065-00	METAL GLAZE 220 METAL GLAZE 4.7K METAL GLAZE 4.7K	5% 5% 5%	1/10W 1/10W 1/10W
R5260 R5301		METAL OXIDE 15K CONDUCTOR, CHIP	5%	3W F	R7093 R7094		METAL GLAZE 4.7K METAL GLAZE 4.7K	5% 5%	1/10 W 1/10 W
R7001 R7002 R7004	1-216-033-00 1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W	R7096 R7097 R7099	1-216-295-91 1-216-295-91	CONDUCTOR, CHIP CONDUCTOR, CHIP CONDUCTOR, CHIP		
R7005 R7006			5% 5%	1/10W 1/10W	R7100 R7106		CONDUCTOR, CHIP CONDUCTOR, CHIP		



Les composants identifies par une trame et une marque $ilde{\Lambda}$ sont critiques pour la securite Ne les remplacer que par une piece portant le numero specifie

The componants identified by shading and mark extstyle

		D W G GD Y DW G G G		DE1 (4 DV	200	DARTNO	***************************************			DEMARK
REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R7114	1-216-295-91	CONDUCTOR, CHIP			R7323	1-216-025-91	METAL GLAZE	100	5%	1/10W
R7115		METAL GLAZE 1K	5%	1/10W	D7204	1 216 022 00	METAL CLASE	2.220	E 01.	1/10W
R7116 R7117		METAL GLAZE 10K METAL GLAZE 1K	5% 5%	1/10W 1/10W	R7324 R7325		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R7118		METAL GLAZE 1R	5%	1/10W	R7330		METAL GLAZE		5%	1/10W
					R7331		METAL GLAZE		5%	1/10W
R7119		METAL GLAZE 330 METAL GLAZE 1K	5% 5%	1/10W 1/10W	R7332	1-216-025-91	METAL GLAZE	2 100	5%	1/10W
R7120 R7125		METAL GLAZE 1R METAL GLAZE 4.7K	5%	1/10W	R7333	1-216-025-91	METAL GLAZE	100	5%	1/10W
R7126		METAL GLAZE 100	5%	1/10W	R7334		METAL GLAZE		5%	1/10W
R7127	1-216-025-91	METAL GLAZE 100	5%	1/10W	R7335		METAL GLAZE		5%	1/10W 1/10W
R7128	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W	R7336 R7337		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R7129		METAL GLAZE 4.7K	5%	1/10W	1 11.55	1 210 000 00				
R7130		METAL GLAZE 47K	5%	1/10W	R7338		METAL GLAZE		5%	1/10W
R7132 R7135		METAL GLAZE 2.2K METAL GLAZE 4.7K	5% 5%	1/10W 1/10W	R7339 R7340		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
K/133	1-210-003-00	MIDTAL GLAZE 4./K	370	1/10**	R7341		METAL GLAZE		5%	1/10W
R7136		METAL GLAZE 4.7K	5%	1/10W	R7342	1-216-035-00	METAL GLAZE	270	5%	1/10W
R7201		METAL GLAZE 2.7K	5%	1/10W	D7242	1 216 205 01	CONDUCTOR,	CUID		
R7202 R7203		METAL GLAZE 10K METAL GLAZE 27K	5% 5%	1/10W 1/10W	R7343 R7345		METAL GLAZE		5%	1/10W
R7204		METAL GLAZE 39K	5%	1/10W	R7347		METAL GLAZE		5%	1/10W
					R7348		METAL GLAZE		5%	1/10W
R7205		METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W	R7350	1-216-025-91	METAL GLAZE	100	5%	1/10W
R7206 R7207		METAL GLAZE 220 METAL GLAZE 100	5%	1/10W	R7352	1-216-025-91	METAL GLAZE	E 100	5%	1/10W
R7208	1-216-025-91	METAL GLAZE 100	5%	1/10W	R7362		METAL GLAZE		5%	1/10W
R7212	1-216-083-00	METAL GLAZE 27K	5%	1/10W	R7363		METAL GLAZE		5%	1/10W
R7213	1-216-680-11	METAL GLAZE 39K	5%	1/10W	R7366 R7370		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R7213		METAL GLAZE 220	5%	1/10W	17.570	1 210 023 71	WIETTIE GETIES	. 100	270	
R7216	1-216-025-91	METAL GLAZE 100	5%	1/10W	R7379		METAL GLAZE		5%	1/10W
R7217 R7219		METAL GLAZE 4.7K METAL GLAZE 4.7K	5% 5%	1/10W 1/10W	R7385 R7386		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
K/219	1-210-003-00	WIETAL GLAZE 4./K	3 70	1/10**	R7387		METAL GLAZE		5%	1/10W
R7221		METAL GLAZE 270	5%	1/8 W	R7388		METAL GLAZE		5%	1/10W
R7222		METAL GLAZE 100	5%	1/10W	D7200	1 216 022 00	METAL CLAZE	220	5%	1/10W
R7231 R7232		METAL GLAZE 22K METAL GLAZE 22K	5% 5%	1/10W 1/10W	R7389 R7392	1-216-053-00	METAL GLAZE METAL GLAZE	2.2K	5%	1/10W 1/10W
R7236		CONDUCTOR, CHIP	0.0	2, 20, 1	R7399	1-216-089-91	METAL GLAZE	E 47K	5%	1/10W
D7007	1 01/ 005 01	COMPLICTOR CHIR			R7421	1-216-073-00	METAL GLAZE	E 10K	5% 5%	1/10W
R7237 R7244		CONDUCTOR, CHIP CONDUCTOR, CHIP			R7422	1-210-023-91	METAL GLAZE	3 100	370	1/10W
R7245		METAL GLAZE 100	5%	1/10W	R7423	1-216-045-00	METAL GLAZE	E 680	5%	1/10W
R7246		METAL GLAZE 100	5%	1/10W	R7424		METAL GLAZE		5%	1/10W
R7248	1-216-184-00	METAL GLAZE 270	5%	1/8W	R7605 R7606		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R7249	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W	R7611		METAL GLAZE		5%	1/10W
R7250		METAL GLAZE 47	5%	1/10W					5 cm	1/1077
R7252 R7254		METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W 1/10W	R7625 R7626		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R7259		CONDUCTOR, CHIP	370	1/10W	R7631		METAL GLAZE		5%	1/10W
					R7645		METAL GLAZE		5%	1/10W
R7264		METAL GLAZE 2.2K	5%	1/10W	R7646	1-216-025-91	METAL GLAZE	E 100	5%	1/10W
R7266 R7267		CONDUCTOR, CHIP METAL GLAZE 100	5%	1/10W	R7649	1-216-025-91	METAL GLAZE	3 100	5%	1/10W
R7301	1-216-025-91	METAL GLAZE 100	5%	1/10W	R7650	1-216-025-91	METAL GLAZE	E 100	5%	1/10W
R7302	1-216-025-91	METAL GLAZE 100	5%	1/10W	R7651		METAL GLAZE		5%	1/10W
R7303	1-216-025-01	METAL GLAZE 100	5%	1/10W	R7652 R7693		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R7304	1-216-025-91	METAL GLAZE 100	5%	1/10W						
R7305		METAL GLAZE 1M	5%	1/10W	R7694		METAL GLAZE		5%	1/10W
R7306 R7307		METAL GLAZE 10K METAL GLAZE 100	5% 5%	1/10W 1/10W	R7695 R7696		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
K7307	1-210-025-91	WEIAL CLAZE 100	370	1/10**	R7697		METAL GLAZI		5%	1/10W
R7308		METAL GLAZE 100	5%	1/10W						
R7309 R7310		METAL GLAZE 100 METAL GLAZE 100	5%	1/10W 1/10W			<tuner></tuner>			
R7310		METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W			<1 UNER>			
R7312		METAL GLAZE 100	5%	1/10W			TUNER BTF-W			
D7212	1 214 025 01	MICTAL CLASS 100	E M	1/10337	TU7202	N.8-598-047-11	TUNER BTF-L/	1401		
R7313 R7314		METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W 1/10W						
R7315		METAL GLAZE 100	5%	1/10W			<crystal></crystal>			
R7316		METAL GLAZE 100	5%	1/10W	W7001	1 7/0 017 11	UIDD ATOD OF	NOT AT		
R7317	1-216-025-91	METAL GLAZE 100	5%	1/10W	X7001 X7301		VIBRATOR, CF VIBRATOR, CF			
R7318	1-216-025-91	METAL GLAZE 100	5%	1/10W	7.7301	1-501-925-11	, IDAA ION, CF	LIVIAL		
R7319	1-216-073-00	METAL GLAZE 10K	5%	1/1 0W	•					
R7320 R7321		METAL GLAZE 4.7K METAL GLAZE 100	5% 5%	1/10W 1/10W	******	*****	******	*****	*****	*****
K/321	1-210-023-91	MIDIAL OLALB 100	370	1/10**	ł					



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
*************						C368	1-137-399-11		0.1μ F	5%	50V
	* A-1297-622- <i>F</i>	A AA BOARD, (********** A AA BOARD, (************** SCREW (M3X1)	********* COMPLETE ********	* E (KP-61	•	C369 C370 C371 C372 C373	1-137-399-11 1-137-399-11 1-137-399-11 1-137-399-11 1-137-399-11	FILM FILM FILM	0.1µF 0.1µF 0.1µF 0.1µF 0.1µF	5% 5% 5% 5% 5%	50V 50V 50V 50V 50V
	4-382-834-11	<capacitor></capacitor>		+)		C374 C375 C376 C378	1-137-399-11 1-137-399-11 1-124-903-11 1-124-903-11	FILM ELECT	0.1µF 0.1µF 1µF 1uF	5% 5% 20% 20%	50V 50V 50V 50V
C301 C302 C303 C304 C305	1-104-665-11 1-104-664-11 1-104-665-11 1-104-665-11 1-104-665-11	ELECT ELECT ELECT	100µF 47µF 100µF 100µF 100µF	20% 20% 20% 20% 20%	25V 25V 25V 25V 25V	C385 C387 C388	1-126-964-11 1-137-399-11 1-124-120-11 1-124-120-11	ELECT FILM ELECT ELECT	10µF 0.1µF 220µF 220µF	20% 5% 20% 20%	50V 50V 25V 25V
C306 C307 C308 C309 C310	1-104-664-11 1-137-372-11 1-137-374-11 1-126-934-11 1-126-964-11	FILM FILM ELECT	47μF 0.022μF 0.047μF 220μF 10μF	20% 5% 5% 20% 20%	25V 50V 50V 16V 50V	C389 C390 C501 C502 C503	1-126-964-11 1-126-964-11 1-124-902-00 1-104-664-11 1-137-370-11	ELECT ELECT ELECT	10μF 10μF 0.47μF 47μF 0.01μF	20% 20% 20% 20% 5%	50V 50V 50V 25V 50V
C311 C312 C313 C314	1-102-116-00 1-126-934-11 1-126-933-11 1-126-964-11	CERAMIC ELECT ELECT	680PF 220μF 100μF 10μF	10% 20% 20%	50V 16V 16V	C504 C505 C506	1-102-973-00 1-137-372-11 1-123-024-21	CERAMIC FILM ELECT	100PF 0.022μF 33μF	5% 5%	50V 50V 160V
C315 C316 C319	1-126-964-11 1-126-964-11 1-124-927-11	ELECT ELECT	10μF 10μF 10μF 4.7μF	20% 20% 20% 20%	50V 50V 50V 50V	C507 C508 C509 C510	1-107-368-11 1-107-638-11 1-107-368-11 1-102-030-00	ELECT FILM	0.047µF 33µF 0.047µF 330PF	10% 20% 10% 10%	200V 160V 200V 500V
C320 C321 C322	1-126-934-11 1-124-927-11 1-137-193-11	ELECT ELECT FILM	220µF 4.7µF 0.39µF	20% 20% 5%	16V 50V 50V	C511 C512 C513 C514	1-137-414-11 1-162-115-00 1-136-598-11 1-136-613-11	CERAMIC FILM FILM	0.0047μF 330PF 3μF 0.0068μF	10% 10% 5% 3%	100V 2KV 200V 2KV
C323 C324 C325 C326 C327	1-130-489-00 1-126-967-11 1-124-925-11 1-137-365-11 1-137-399-11	ELECT ELECT FILM	0.033µF 47µF 2.2µF 0.0015µF 0.1µF	5% 20% 20% 5% 5%	50V 50V 50V 50V 50V	C515 C516 C517 C518	1-162-114-00 1-107-719-11 1-126-971-11 1-126-971-11	ELECT ELECT ELECT	0.0047μF 220μF 470μF 470μF	20% 20% 20%	2KV 50V 50V 50V
C328 C329 C330 C331 C332	1-137-399-11 1-130-489-00 1-137-399-11 1-137-399-11 1-124-903-11	FILM FILM FILM	0.1μF 0.033μF 0.1μF 0.1μF 1μF	5% 5% 5% 5% 20%	50V 50V 50V 50V 50V	C519 CN301	1-124-903-11 * 1-564-513-11	<pre><connector></connector></pre>		20%	50V
C333 C334 C335 C336 C337	1-131-363-00	ELECT TANTALUM TANTALUM	0.47μF 0.47μF 4.7μF 4.7μF	20% 20% 10% 10%	50V 50V 16V 16V	CN304 CN305	* 1-564-509-11 * 1-564-513-11 1-573-298-21 1-573-298-21	PLUG, CONNEC PLUG, CONNEC CONNECTOR, E CONNECTOR, E	TOR 6P TOR 10P OARD TO OARD TO		
C338 C339 C340 C341	1-124-902-00 1-124-902-00 1-124-903-11 1-126-934-11 1-131-363-00	ELECT ELECT	0.47μF 0.47μF 1μF 220μF 4.7μF	20% 20% 20% 20% 10%	50V 50V 50V 16V 16V	CN307 CN308 CN311	* 1-564-509-11 1-695-915-11 * 1-691-134-11	PLUG, CONNECT PLUG, CONNECT TAB (CONTACT PIN, CONNECTO PIN, CONNECTO	TOR 6P ") OR (PC BO.		
C342 C343 C344 C345 C346 C347	1-126-964-11 1-136-167-00 1-136-167-00 1-131-368-00	FILM	4.7μF 10μF 0.15μF 0.15μF 3.3μF 3.3μF	10% 20% 5% 5% 10% 10%	16V 50V 50V 50V 16V 16V	CN528 CN541	* 1-573-963-11 1-695-915-11 * 1-580-689-11	PIN, CONNECTO PIN, CONNECTO TAB (CONTACT PIN, CONNECTO PIN, CONNECTO	OR (PC BO. ") OR (PC BO.	ARD) 3 ARD) 4	BP IP
C348 C349 C350 C353 C354	1-136-167-00 1-136-167-00 1-104-664-11 1-107-698-11 1-137-366-11	FILM ELECT ELECT	0.15μF 0.15μF 47μF 10μF 0.0022μF	5% 5% 20% 20% 5%	50V 50V 25V 25V 50V	D301 D302 D303 D304	8-719-991-33 8-719-991-33 8-719-110-56	<pre><diode> DIODE 1SS133T DIODE 1SS133T DIODE 1SS133T DIODE RD22ESI</diode></pre>	-77 -77 31		
C355 C356 C359 C360 C361	1-137-366-11 1-104-664-11 1-107-698-11 1-137-366-11 1-137-366-11	ELECT ELECT FILM	0.0022μF 47μF 10μF 0.0022μF 0.0022μF	5% 20% 20% 5% 5%	50V 25V 25V 50V 50V	D305 D313 D501 D502 D504	8-719-991-33 8-719-991-33 8-719-109-72 8-719-991-33	DIODE 1SS133T DIODE 1SS133T DIODE 1SS133T DIODE RD3.9ES DIODE 1SS133T	-77 -77 B2 -77		
C362 C363 C364 C365	1-126-965-11 1-126-965-11 1-107-698-11 1-107-698-11	ELECT ELECT	22µF 22µF 10µF 10µF	20% 20% 20% 20%	50V 50V 25V 25V	D505 D506 D507 D509	8-719-300-80 8-719-018-82	DIODE ISS133T DIODE RU-1C DIODE RGP02-2 DIODE V09G	0EL-6394	(45)	





REF. NO.	PART NO.	DESCRIPTION		R	EMARK	REF. NO.	PART NO.	DESCRIPTION		R	EMARK
D510 D511		DIODE V09G (DIODE 1SS133T-		45)		R380 R381 R501	1-249-427-11 1-249-427-11 1-249-421-11	CARBON	6.8K 6.8K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W
IC301 IC302 IC303	8-759-069-28 8-759-095-63 8-759-231-58					R502 R503 R504 R505 R506	1-249-429-11 1-249-441-11 1-249-429-11 1-215-437-00 1-215-433-00	CARBON CARBON METAL	10K 100K 10K 4.7K 3.3K	5% 5% 5% 1% 1%	1/4W 1/4W 1/4W 1/4W 1/4W
IC304 IC305	8-759-248-74 8-759-341-23	IC LV1011				R507 R508 R509	1-249-407-11 1-215-429-00 1-249-423-11	METAL	150 2.2K 3.3K	5% 1% 5%	1/4W 1/4W 1/4W
IC306 IC307 IC309	8-759-264-31	IC TDA7315 IC TDA7315 IC uPC4558C				R510 R511	1-249-423-11 1-249-417-11 1-247-895-91	CARBON	1K 470K	5% 5%	1/4 W 1/4 W
		<coil></coil>				R512 R513 R514	1-215-900-11 1-249-421-11	METAL OXIDE METAL OXIDE CARBON METAL OXIDE	22K 2.2K	5% 5% 5% 5%	3W F 2W F 1/4W F 3W F
L501 L503 L504	1-406-832-11	COIL, CHOKE 15 COIL, HORIZON INDUCTOR 10µF	TAL LINE	ARITY(H	ILC)	R515 R516 R517	1-249-430-11 1-249-429-11	CARBON	12K 10K	5% 5%	1/4W F
0212	0.700.110.70	<transistor></transistor>		E		R518 R519 R520 R521	1-249-427-11 1-249-417-11 1-249-423-11 1-249-437-11	CARBON CARBON	6.8K 1K 3.3K 47K	5% 5% 5% 5%	1/4W F 1/4W 1/4W F 1/4W
Q312 Q501 Q502 Q503 Q504	8-729-119-76 8-729-119-76 8-729-119-78	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	SA1175-HF SA1175-HF SC2785-HF	E E E		R522 R523 R524 R525	1-249-417-11 1-249-426-11 1-215-925-11	CARBON	1K 5.6K 22K	5% 5% 5% 5%	1/4W F 1/4W F 3W F 2W F
Q505 Q506	8-729-201-32	TRANSISTOR 25	SA1013-O			R526 R528	1-216-478-11	METAL OXIDE METAL OXIDE	390	5% 5%	3W F
Q507 Q508 Q509	8-729-201-32	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SA1013-O	OPY		R529		METAL OXIDE		(KP 5%	-53XBR45) 3W F
Q510		TRANSISTOR 25				R530	1-216-477-11	METAL OXIDE	270	5%	-53XBR45) 3W F
Q511	8-729-119-76	TRANSISTOR 25	SA1175-HF	Е		R531	1-216-477-11	METAL OXIDE	270	5%	-53XBR45) 3W F
		<resistor></resistor>				R532	1-215-442-00	METAL	7.5K	1%	-53XBR45) 1/4W
R301 R302 R303 R304	1-247-807-31 1-247-807-31 1-247-807-31 1-247-903-00	CARBON CARBON CARBON	100 100 100 1M	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	R533 R534	1-215-443-00 1-215-437-00	METAL	8.2K 4.7K	1% 1%	1/4W 1/4W
R305	1-247-807-31		100	5%	1/4W	DV201	1 755 029 11	<relay></relay>			
R306 R307 R308	1-247-807-31 1-247-807-31 1-249-436-11	CARBON CARBON	100 100 39K	5% 5% 5%	1/4W 1/4W 1/4W	RY301	1-755-028-11		DD.		
R310 R311	1-249-432-11 1-249-436-11		18K 39K	5% 5%	1/4W 1/4W	T501	1-437-078-00	<pre><transformi pre="" transforme<=""></transformi></pre>		NTAL D	RIVE
R312 R314 R321	1-249-413-11 1-249-413-11 1-249-437-11	CARBON	470 470 47K	5% 5% 5%	1/4W 1/4W 1/4W			<crystal></crystal>			
R327 R328	1-215-462-00 1-249-437-11		51K 47K	1% 5%	1/4W 1/4W	X301	1-579-125-11	VIBRATOR, CE	RAMIC		
R330 R331 R332 R334	1-247-807-31 1-247-807-31 1-215-462-00 1-247-807-31	CARBON METAL	100 100 51K 100	5% 5% 1% 5%	1/4W 1/4W 1/4W 1/4W	*****	******	******	******	*****	*****
R335	1-247-807-31	CARBON	100	5%	1/4W		* A-1195-092-	A P5 BOARD, C			
R339 R340 R341 R342 R343	1-249-430-11 1-249-426-11 1-249-426-11 1-249-448-11 1-249-426-11	CARBON CARBON CARBON	12K 5.6K 5.6K 1.2 5.6K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W I 1/4W	7	3-531-576-21 3-741-396-01	RIVET INSULATOR			
R344	1-249-426-11	CARBON	5.6K	5%	1/4W			<capacitor></capacitor>			
R345 R346 R347	1-249-429-11 1-249-430-11 1-249-429-11	CARBON	10K 12K 10K	5% 5% 5%	1/4W 1/4W 1/4W	C2001 C2002 C2003	1-126-967-11	CERAMIC CHII ELECT CERAMIC CHII	47µF	20% 5%	25V 16V 50V
R348	1-216-387-11	METAL OXIDE	0.68	5%	3W I		1-164-232-11	CERAMIC CHII	2 0.01μF	10%	50V 25V
R376 R378	1-249-417-11 1-249-429-11		1K 10K	5% 5%	1/4W 1/4W	C2006	1-163-038-91	CERAMIC CHII	P 0.1μF		25V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C2008 C2009 C2010 C2012	1-126-933-11 1-163-253-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP	100µF 120PF	10% 20% 5%	50V 10V 50V 25V	C2099 C2101 C2102 C2103	1-163-038-91 1-126-967-11	CERAMIC CHIP 0.1µF CERAMIC CHIP 0.1µF ELECT 47µF 20% CERAMIC CHIP 0.1µF	
C2013 C2014 C2015 C2016 C2017	1-163-097-00 1-126-967-11 1-126-964-11		15PF 47μF 10μF	5% 20% 20%	25V 50V 16V 50V 25V	CN2001		CONNECTOR> PIN, CONNECTOR (PC BOARD)	25V
C2018 C2019	1-126-964-11		10μ F	20%	50V 25V		1 704 144 11	<diode></diode>	121
C2020 C2021 C2022		CERAMIC CHIP CERAMIC CHIP ELECT		20%	25V 25V 50V	D2001 D2002		DIODE 1SS355 DIODE 1SS355	
C2023 C2024 C2025 C2026 C2027	1-163-275-11		0.001μF	20% 20% 10% 5% 10%	50V 50V 50V 50V 50V	FB2001 FB2003		<ferrite bead=""> FILTER, EMI FILTER, EMI</ferrite>	
C2028 C2029 C2030 C2031	1-164-232-11 1-164-232-11 1-163-125-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.01μF 0.01μF 220PF	10% 10% 5% 5%	50V 50V 50V 50V	FB2005 FB2006 FB2007	1-414-234-11 1-414-234-11	INDUCTOR, FERRITE BEAD INDUCTOR, FERRITE BEAD INDUCTOR, FERRITE BEAD	
C2032	1-124-902-00	ELECT	0.47μF	20%	50V			<filter></filter>	
C2034 C2035 C2036 C2037 C2038	1-163-038-91 1-163-038-91	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT	0.1μF 0.1μF	5% 20%	50V 25V 25V 25V 25V 50V	FL2001 FL2003 FL2004 FL2008 FL2009	1-239-847-11 1-239-847-11 1-239-384-11	FILTER, LOW PASS FILTER, LOW PASS FILTER, LOW PASS FILTER, EMI FILTER, EMI	
C2040 C2042 C2043 C2044 C2045		CERAMIC CHIP CERAMIC CHIP ELECT		20% 10% 5% 20% 20%	16V 50V 50V 50V 16V	FL2010	1-239-384-11	FILTER, EMI <ic></ic>	
C2046 C2047 C2048 C2049 C2050	1-163-227-11 1-163-227-11 1-163-113-00 1-126-967-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	10PF 10PF 68PF 47µF	0.5PF 0.5PF 5% 20% 10%	50V 50V 50V 16V 50V	IC2001 IC2002 IC2005 IC2006 IC2007	8-759-296-53 8-759-296-51 8-759-161-22	IC uPC659AGS-E2 IC uPC1862GS-E2 IC uPD6486GF-3BA IC uPD42280GU-60-E2 IC MSM514222B-30GS-KR1	
C2051	1-163-251-11	CERAMIC CHIP	100PF	5%	50V			<coil></coil>	
C2055 C2056 C2057 C2058	1-126-964-11 1-164-232-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP	10μF 0.01μF	10% 20% 10% 10%	50V 50V 50V 50V	L2001 L2002 L2003 L2004	1-410-193-51 1-410-193-51	INDUCTOR CHIP 10μH INDUCTOR CHIP 1.2μH INDUCTOR CHIP 1.2μH	
C2059 C2060	1-126-964-11 1-164-232-11	ELECT CERAMIC CHIP	10µF 0.01µF	20% 10%	50V 50V	L2004 L2005	1-410-193-51	INDUCTOR CHIP 1.2μH INDUCTOR CHIP 1.2μH	
C2067 C2072 C2073	1-164-346-11 1-163-038-91 1-124-903-11	CERAMIC CHIP CERAMIC CHIP ELECT	1µF 0.1µF 1µF	20%	16V 25V 50V	L2006 L2009 L2010 L2011	1-414-042-21 1-414-042-21 1-414-042-21	INDUCTOR CHIP 1.2µH INDUCTOR 18µH INDUCTOR 18µH INDUCTOR 18µH	
C2076 C2077 C2078	1-126-967-11 1-163-097-00 1-126-964-11	CERAMIC CHIP ELECT	47μF 15PF 10μF	20% 5% 20%	25V 16V 50V 50V	L2013 L2014		INDUCTOR CHIP 1.2μH INDUCTOR CHIP 1.2μH	
C2080		CERAMIC CHIP	•	5%	50V			<transistor></transistor>	
C2081 C2082 C2083 C2085 C2086	1-126-967-11 1-163-038-91 1-164-346-11 1-163-097-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	47μF 0.1μF 1μF 15PF	5% 20% 5%	50V 16V 25V 16V 50V	Q2001 Q2002 Q2004 Q2005 Q2006	8-729-216-22 8-729-120-28 8-729-120-28	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SA1162-G TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SA1162-G	
C2087 C2088 C2089 C2090 C2092	1-126-964-11 1-163-145-00 1-164-346-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	10μF 0.0015μF 1μF	20% 5%	25V 50V 50V 16V 25V	Q2007 Q2009 Q2010 Q2011 Q2015	8-729-216-22 8-729-120-28 8-729-120-28 8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SA1162-G TRANSISTOR 2SC1623-L5L6	
C2093 C2094 C2096 C2097 C2098	1-126-967-11	CERAMIC CHIP ELECT CERAMIC CHIP	47μF	20% 20% 20%	50V 25V 16V 25V 16V	Q2016 Q2017 Q2019 Q2020	8-729-120-28 8-729-120-28 8-729-120-28	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6	





REF. NO.	PART NO.	DESCRIPTION	R	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	EMARK
Q2021	8-729-120-28	TRANSISTOR 2SC1623-L5L	.6		D2106	1 216 205 01	CONDUCTOR, CH	11D		
Q2022		TRANSISTOR 2SC1623-L5L			R2106 R2107 R2108	1-216-025-91	METAL GLAZE	100	5% 0.50%	1/10W 1/10W
Q2023 Q2024	8-729-120-28	TRANSISTOR 2SC1623-L5L	.6		R2109 R2110	1-216-057-00	METAL GLAZE 2 CONDUCTOR, CH	2.2K	5%	1/10W
Q2025 Q2026		TRANSISTOR 2SC1623-L5L TRANSISTOR 2SC1623-L5L			R2110		METAL GLAZE		5%	1/10W
		<resistor></resistor>	t		R2112 R2113	1-216-043-91	METAL GLAZE	560	5% 5%	1/10W 1/10W
R2001	1.216.205.01	CONDUCTOR, CHIP			R2114 R2115	1-216-051-00	METAL GLAZE METAL GLAZE	1.2K	5% 5%	1/10W 1/10W
R2004 R2005	1-216-025-91	METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W 1/10W	R2117		METAL GLAZE		5%	1/10W
R2006 R2007	1-216-023-00	METAL GLAZE 82 METAL GLAZE 82	5% 5%	1/10W 1/10W	R2119 R2120	1-216-041-00	METAL GLAZE 4 METAL GLAZE 3	1 70	5% 5%	1/10W 1/10W
R2008		METAL GLAZE 82	5%	1/10W	R2121 R2123		METAL GLAZE 4 METAL CHIP		5% 0.50%	1/10 W 1/10 W
R2009 R2010		METAL GLAZE 1K METAL GLAZE 10K	5% 5%	1/10W 1/10W	R2124		METAL GLAZE		5%	1/10W
R2011 R2012		METAL GLAZE 10 METAL GLAZE 1K	5% 5%	1/10W 1/10W	R2125 R2126	1-216-295-91	METAL GLAZE CONDUCTOR, CI	HIP .	5%	1/10W
R2014		METAL GLAZE 470	5%	1/10W	R2127 R2128		METAL GLAZE		5% 5%	1/10W 1/10W
R2015 R2016	1-216-055-00	METAL GLAZE 10K METAL GLAZE 1.8K	5% 5%	1/10W 1/10W	R2129	1-216-025-91	METAL GLAZE		5%	1/10W
R2017 R2018		METAL GLAZE 100 METAL GLAZE 82	5% 5%	1/10W 1/10W	R2130 R2131	1-216-077-00	METAL GLAZE		0.50% 5%	1/10W 1/10W
R2019	1-216-081-00	METAL GLAZE 22K	5%	1/10W	R2132 R2133		CONDUCTOR, CI METAL CHIP	270	0.50%	1/10W
R2020 R2021	1-216-045-00	METAL GLAZE 10K METAL GLAZE 680	5% 5%	1/10W 1/10W	R2134		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R2022 R2023		METAL GLAZE 100 METAL GLAZE 22	5% 5%	1/10W 1/10W	R2135 R2136 R2138	1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K	5% 5%	1/10W 1/10W
R2024		METAL GLAZE 100 METAL CHIP 560	5% 0.50%	1/10W 1/10W	R2139		METAL GLAZE		5%	1/10W
R2026 R2027 R2028	1-216-638-11	METAL CHIP 560 METAL CHIP 300 METAL CHIP 5.6K	0.50% 0.50%	1/10W 1/10W 1/10W	R2141 R2144		METAL GLAZE		5% 5%	1/10W 1/10W
R2030		METAL GLAZE 3.9K	5%	1/10W	R2146 R2149	1-216-033-00	METAL GLAZE	220	5% 5%	1/10W 1/10W
R2032 R2033		METAL CHIP 470 METAL GLAZE 10	0.50% 5%	1/10W 1/10W	R2150		METAL GLAZE		5%	1/10W
R2036 R2037	1-216-039-00	METAL GLAZE 390 METAL GLAZE 390	5% 5%	1/10W 1/10W	R2152 R2153		METAL GLAZE CONDUCTOR, C		5%	1/10W
R2039		METAL GLAZE 10K	5%	1/10W						
R2042 R2044	1-216-073-00	METAL GLAZE 1K METAL GLAZE 10K	5% 5%	1/10W 1/10W			<variable res<="" td=""><td></td><td></td><td></td></variable>			
R2045 R2046	1-216-089-91	METAL GLAZE 47K METAL GLAZE 47K	5% 5%	1/10W 1/10W	RV2002	1-238-240-11	RES, ADJ, CERM	ET 220		
R2047		METAL GLAZE 1K	5%	1/10W			<crystal></crystal>			
R2048 R2049	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W	X2001		VIBRATOR, CER OSCILLATOR, C			
R2050 R2055	1-216-035-00	METAL GLAZE 3.3M METAL GLAZE 270	5% 5% 5%	1/10W 1/10W 1/10W	X2002	1-327-722-00	OSCILLATOR, C.	KISIAL		
R2061 R2062		METAL GLAZE 100K METAL GLAZE 2.7K	5%	1/10W	******	*****	******	****	*****	*****
R2066 R2068	1-216-057-00) METAL GLAZE 2.7K) METAL GLAZE 2.2K) METAL GLAZE 2.2K	5% 5%	1/10W 1/10W		* A-1306-507-	A M BOARD, COM	MPLETE		
R2073 R2076	1-216-035-00	METAL GLAZE 270 METAL CHIP 510	5% 0.50%	1/10 W 1/10 W	1		*******	*****		
R2077) METAL GLAZE 8.2K	5%	1/10W			<capacitor></capacitor>			
R2082 R2087	1-216-627-11	METAL CHIP 100 METAL GLAZE 1.5K	0.50% 5%	1/10W 1/10W	C3003	1-126-967-11		47μ F	20%	50V
R2089 R2090) METAL GLAZE 10K) METAL GLAZE 10K	5% 5%	1/10W 1/10W	C3018 C3039		CERAMIC CHIP		5%	50V 50V
R2091		METAL GLAZE 150	5%	1/10W	C3040 C3042		CERAMIC CHIP CERAMIC CHIP		5% 5%	50V 50V
R2092 R2093	1-216-045-00	METAL GLAZE 4.7K METAL GLAZE 680	5% 5%	1/10W 1/10W	C3043		CERAMIC CHIP		5% 10%	50V 25V
R2098 R2099		METAL CHIP 3.6K METAL CHIP 1.6K	0.50% 0.50%	1/10W 1/10W	C3044 C3045 C3046	1-126-940-11	CERAMIC CHIP ELECT CERAMIC CHIP	330μF	20% 5%	16V 50V
R2100 R2102		METAL CHIP 910 METAL GLAZE 680	0.50% 5%	1/10W 1/10W	C3046 C3047		CERAMIC CHIP		10%	50V
R2102 R2103 R2104	1-216-067-00) METAL GLAZE 680) METAL GLAZE 5.6K) METAL GLAZE 10	5% 5% 5%	1/10W 1/10W 1/10W	C3052 C3060		CERAMIC CHIP CERAMIC CHIP		10% 10%	25V 25V
R2105) METAL GLAZE 15K	5%	1/10W	C3061	1-126-916-11		1000μF	20%	6.3V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C3062 C3063	1-126-964-11 1-126-964-11		10µF 10µF	20% 20%	50V 50V	CN3005 CN3006	* 1-564-512-11 1-573-979-21	PLUG, CONNECTOR 9P CONNECTOR, BOARD TO BOAR	RD 11P
C3064 C3065	1-126-964-11 1-126-965-11		10μF 22μF	20% 20%	50V 50V	CN3008	1-573-301-21 * 1-564-516-11	CONNECTOR, BOARD TO BOAR PLUG, CONNECTOR 13P PLUG, CONNECTOR 6P	RD 20P
C3066 C3067	1-163-125-00 1-164-232-11	CERAMIC CHIP CERAMIC CHIP	220PF 0.01µF	5% 10%	50V 50V	CN3010	* 1-566-367-11	CONNECTOR, HINGE (RECEPTA	ACLE)
C3068 C3070	1-124-925-11 1-126-935-11		2.2μF 470μF	20% 20%	50V 16V	CN3011 CN3012	* 1-566-367-11 * 1-564-509-11	CONNECTOR, HINGE (RECEPTAPLUG, CONNECTOR 6P PLUG, CONNECTOR 12P	ACLE)
C3071 C3072	1-126-934-11 1-126-964-11	ELECT ELECT	220μF 10μF	20% 20%	16V 50V	CN3014	* 1-564-514-11	PLUG, CONNECTOR 11P	
C3073 C3074		CERAMIC CHIP CERAMIC CHIP		5% 5%	50V 50V	CN3015	* 1-564-508-11	PLUG, CONNECTOR 5P	
C3075 C3076	1-126-967-11 1-124-902-00	ELECT	47μF 0.47μF	20% 20%	16V 50V			<diode></diode>	
C3077 C3078 C3080	1-124-925-11 1-124-902-00 1-164-232-11		2.2μF 0.47μF 0.01μF	20% 20% 10%	50V 50V 50V	D3000 D3001 D3002	8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110	
C3081	1-124-927-11	ELECT	4.7μF	20%	50V	D3003 D3004	8-719-404-46	DIODE MA110 DIODE MA110	
C3082 C3083 C3084	1-124-903-11 1-164-232-11 1-124-903-11	CERAMIC CHIP	1μF 0.01μF 1μF	20% 10% 20%	50V 50V 50V	D3005 D3007		DIODE MA110 DIODE MA8056	
C3085	1-164-232-11	CERAMIC CHIP	0.01µF	10%	50V	D3008 D3009	8-719-422-46 8-719-404-46	DIODE MA8056 DIODE MA110	
C3086 C3087 C3088	1-163-017-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	$0.0047 \mu F$	10% 10% 10%	50V 50V 50V	D3010		DIODE MA110	
C3089 C3092	1-163-017-00 1-163-017-00 1-124-927-11	CERAMIC CHIP	0.0003μF 0.0047μF 4.7μF	10% 10% 20%	50V 50V 50V	D3011 D3016 D3017	8-719-400-75	DIODE RD5.6ESB1 DIODE MA3091 DIODE RD11M-B2	
C3093 C3094	1-124-902-00 1-124-902-00		0.47μF 0.47μF	20% 20%	50V 50V	D3018 D3019		DIODE RD5.1M-B2 DIODE RD11M-B2	
C3095 C3099	1-124-902-00 1-124-903-11	ELECT ELECT	0.47µF ԼµF	20% 20% 20%	50V 50V	D3020 D3021		DIODE RD11M-B2 DIODE RD11M-B2	
C3100 C3101		CERAMIC CHIP		5% 10%	50V 50V	D3022 D3023 D3026	8-719-404-46 8-719-106-62	DIODE MA110 DIODE RD11M-B2	
C3102 C3103	1-163-243-11 1-126-933-11	CERAMIC CHIP	47PF 100μF	5% 20%	50V 50V 16V	D3026 D3027		DIODE RD5.6M-B2 DIODE MA110	
C3104 C3105	1-163-097-00 1-124-902-00	CERAMIC CHIP ELECT	15PF 0.47μF	5% 20%	50V 50V	D3028 D3029	8-719-404-46 8-719-404-46	DIODE MA110 DIODE MA110	
C3106 C3107	1-126-940-11 1-126-964-11	ELECT	330μF 10μF	20% 20%	16V 50V	D3030 D3033		DIODE RD11M-B2 DIODE MA110	
C3108 C3109	1-126-965-11	CERAMIC CHIP ELECT	22PF 22uF	5% 20%	50V 50V	D3034 D3035	8-719-404-46	DIODE MA110 DIODE MA110	
C3110 C3111	1-103-113-00	CERAMIC CHIP ELECT	68PF 47µF	5% 20%	50V 25V	D3036 D3038 D3039	8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110	
C3112 C3114	1-163-097-00 1-163-125-00	CERAMIC CHIP CERAMIC CHIP	15PF 220PF	5% 5%	50V 50V	D3041	8-719-404-46	DIODE MA110	
C3119 C3120	1-126-964-11 1-126-964-11		10μF 10μF	20% 20%	50V 50V	D3042 D3043 D3044	8-719-400-71	DIODE MA110 DIODE MA3082 DIODE MA110	
C3121 C3123		CERAMIC CHIP		20% 5%	16V 50V	D3045	8-719-404-46	DIODE MA110	
C3124 C3125 C3127	1-126-964-11	CERAMIC CHIP ELECT CERAMIC CHIP	10uF	10% 20% 5%	50V 50V 50V	D3046 D3049 D3050	8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110	
C3129	1-126-964-11	ELECT	10μ F	20%	50V	D3051 D3052	8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110	
C3130 C3135 C3136	1-126-967-11 1-126-967-11 1-124-927-11	ELECT	47μF	20% 20% 20%	50V 16V 50V	D3053	8-719-404-46	DIODE MA110	
C3137	1-163-235-11	CERAMIC CHIP	22ÞF	5%	50V		•	<ic></ic>	
C3138 C3139 C3140	1-163-251-11 1-126-967-11 1-107-714-11		47μF	5% 20% 20%	50V 16V 16V	IC3000 IC3001		IC CXP85324A-039S	
			- shu	_0,0	101	IC3002 IC3003	8-759-518-23 8-759-710-86	IC X24C04S8 IC NJM2233BM	
CN3000 *		<connector> PLUG, CONNECT</connector>	TOR 4P			IC3004 IC3005		IC NJM2233BM IC CXA1477AS	
CN3001 * CN3002 *	1-564-510-11 1-564-508-11	PLUG, CONNECT PLUG, CONNECT	OR 7P OR 5P			IC3003 IC3007	8-759-403-44		
CN3003 * CN3004	1-564-509-11 1-573-301-21	PLUG, CONNECT CONNECTOR, BO	OR 6P DARD TO I	BOARE	20P			<coil></coil>	



REF. NO.	PART NO.	DESCRIPTION	REMA	RK R	EF. NO.	PART NO.	DESCRIPTION		REMARK
L3000 L3004 L3008 L3009 L3010	1-414-234-11 1-408-413-00 1-408-416-00	INDUCTOR 27µH INDUCTOR, FERRITE BEAL INDUCTOR 22µH INDUCTOR 39µH INDUCTOR 10µH)]	R3015 R3016 R3017 R3018 R3020	1-216-081-00 1-216-033-00 1-216-033-00	METAL GLAZE 4.7I METAL GLAZE 22K METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 4.7I	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
		<transistor></transistor>	•		R3024 R3025	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W
Q3000 Q3001 Q3002 Q3003	8-729-216-22 8-729-216-22 8-729-422-27	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q]	R3027 R3028 R3029	1-216-033-00 1-216-033-00 1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 220	5% 5% 5%	1/10W 1/10W 1/10W 1/10W
Q3004		TRANSISTOR 2SA1162-G		1	R3031 R3032	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5%	1/10W 1/10W 1/10W
Q3005 Q3006 Q3013 Q3014	8-729-216-22 8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		1	R3033 R3034 R3035	1-216-033-00	METAL GLAZE 220 METAL GLAZE 470	5% 5%	1/10W 1/10W
Q3015		TRANSISTOR 2SA1162-G			R3036 R3037	1-216-023-00 1-216-097-91	METAL GLAZE 82 METAL GLAZE 100	5% K 5%	1/10W 1/10W
Q3016	8-729-216-22	TRANSISTOR 2SA1162-G			R3038	1-216-089-91	METAL GLAZE 47K	5%	1/10W
Q3017 Q3018 Q3019	8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G			R3039 R3040	1-216-097-91	METAL GLAZE 47K	K 5%	1/10W 1/10W
Q3020	8-729-216-22	TRANSISTOR 2SA1162-G			R3041 R3047	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220	5% 5%	1/10W 1/10W
Q3021	8_720_422_27	TRANSISTOR 2SD601A-Q			R3047	1-216-033-00	METAL GLAZE 220	5%	1/10W
Q3022		TRANSISTOR 2SD601A-Q			R3049	1-216-033-00	METAL GLAZE 220	5%	1/10W
Q3023		TRANSISTOR 2SA1162-G		1	R3050	1-216-033-00	METAL GLAZE 220	5%	1/10 W
Q3024 Q3025		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q			R3051	1-216-033-00	METAL GLAZE 220	5%	1/10W
Q.3023	0-727 422 27	TRANSPORT EDDOG T		1	R3052	1-216-295-91	CONDUCTOR, CHIP		1/1037
Q3026		TRANSISTOR 2SA1162-G			R3055		METAL GLAZE 1K METAL GLAZE 1K	5% 5%	1/10W 1/10W
Q3027 Q3028		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q			R3056 R3058	1-216-073-00	METAL GLAZE 10		1/10W
Q3028 Q3029		TRANSISTOR 2SD601A-Q		1					44033
Q3030		TRANSISTOR 2SD601A-Q			R3059		METAL GLAZE 100		1/10W 1/10W
02021	0 720 422 27	TRANSISTOR 2SD601A-Q			R3060 R3061	1-216-073-00	METAL GLAZE 101 METAL GLAZE 101		1/10W
Q3031 Q3032		TRANSISTOR 2SA1162-G			R3063	1-216-295-91	CONDUCTOR, CHIP		140337
Q3033	8-729-422-27	TRANSISTOR 2SD601A-Q			R3064	1-216-065-00	METAL GLAZE 4.7	K 5%	1/10 W
Q3038	8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q			R3065	1-216-049-91	METAL GLAZE 1K	5%	1/10W
Q3043	8-129-422-21	TRANSISTOR 25D00TA-Q			R3067	1-216-065-00	METAL GLAZE 4.7	K 5%	1/10W
Q3045	8-729-422-27	TRANSISTOR 2SD601A-Q			R3068	1-216-065-00	METAL GLAZE 4.7	K 5%	1/10W
Q3046		TRANSISTOR 2SD601A-Q			R3091 R3093		METAL GLAZE 4.7 METAL GLAZE 100		1/10W 1/10W
Q3048 Q3049		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q			KJUJJ				
Q3050	8-729-422-27	TRANSISTOR 2SD601A-Q			R3094	1-216-065-00	METAL GLAZE 4.7	K 5%	1/10W
-					R3095 R3096	1-216-025-91	METAL GLAZE 100 METAL GLAZE 1K) 5% 5%	1/10W 1/10W
Q3051 Q3052	8-729-422-27 8-729-216-22	TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G			R3097	1-216-045-91	METAL GLAZE 100) 5%	1/10W
Q3052 Q3053		TRANSISTOR 2SA1162-G			R3098		METAL GLAZE 4.7		1/10W
Q3054		TRANSISTOR 2SD601A-Q			D 2000	1 216 040 01	METAL GLAZE 1K	5%	1/10W
Q3055	8-729-422-27	TRANSISTOR 2SD601A-Q			R3099 R3100		METAL GLAZE 100		1/10W
Q3056	8-729-422-27	TRANSISTOR 2SD601A-Q			R3101	1-216-025-91	METAL GLAZE 100) 5%	1/10W
Q3057		TRANSISTOR 2SA1162-G			R3102 R3103		METAL GLAZE 100 METAL GLAZE 100		1/10W 1/10W
Q3058 Q3059		2 TRANSISTOR 2SA1162-G 2 TRANSISTOR 2SA1162-G			K3103	1-210-023-91	METAL OLAZE 100	, 570	1/10**
QJUJ9	6-729-210-22	I RANSISTOR 25AT102-G			R3104		METAL GLAZE 1K		1/10W
					R3105	1-216-049-91	METAL GLAZE 1K METAL GLAZE 100	5% 5%	1/10W 1/10W
		<resistor></resistor>			R3106 R3107	1-216-023-91	METAL GLAZE 16 METAL GLAZE 1K	5%	1/10W
R3000	1-216-073-0	METAL GLAZE 10K	5% 1/1	low	R3108		METAL GLAZE 100		1/10 W
R3001	1-216-049-9	I METAL GLAZE 1K		low	D 2 1 0 0	1 017 050 00	METAL GLAZE 2.7	K 5%	1/10W
R3002		METAL GLAZE 1K METAL GLAZE 220		10W 10W	R3109 R3110	1-216-059-00	METAL GLAZE 2.7 METAL GLAZE 10	5%	1/10W
R3003 R3004) METAL GLAZE 220) METAL GLAZE 4.7K		low	R3111	1-216-033-00	METAL GLAZE 22	5%	1/10W
				10337	R3112		METAL GLAZE 10		1/10W 1/10W
R3005 R3006		0 METAL GLAZE 68K 1 METAL GLAZE 47K		low low	R3113	1-210-001-00	METAL GLAZE 10	340	1/10**
R3006 R3007		1 METAL GLAZE 4/K 1 METAL GLAZE 1K		low	R3116		METAL GLAZE 10	5%	1/10W
R3008	1-216-049-9	I METAL GLAZE IK	5% 1/1	10W	R3117		METAL GLAZE 10		1/10 W 1/10 W
R3009	1-216-049-9	1 METAL GLAZE 1K	5% 1/1	10W	R3119 R3120) METAL GLAZE 22) METAL GLAZE 2.2		1/10W
R3010	1-216-073-0	0 METAL GLAZE 10K	5% 1/1	10W	R3121		METAL GLAZE 2.7		1/10W
R3011	1-216-097-9	1 METAL GLAZE 100K	5% 1/1	10W	D2122	1 016 000 00	METAL CLATE 00	0 5%	1/10W
R3012	1-216-065-0	0 METAL GLAZE 4.7K 0 METAL GLAZE 10K		10W 10W	R3122 R3123) METAL GLAZE 22) METAL GLAZE 22		1/10W 1/10W
R3013 R3014		1 METAL GLAZE 10K		10 W	R3125	1-216-081-00	METAL GLAZE 22	K 5%	1/10W
				1					





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REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		1	REMARK
D2106	1 016 022 00	METAL CLAZE 200	<i>- c c c</i>	1/10337	D2045	1.016.002.00	METAL CLASS	COTT		4/40777
R3126 R3127		METAL GLAZE 220 METAL GLAZE 22K	5% 5%	1/10W 1/10W	R3245 R3251		METAL GLAZE CONDUCTOR, O		5%	1/10W
K3127	1-210-001-00	WIETNE GENEE ZZK	370	1/10**	R3252		METAL GLAZE		5%	1/10W
R3128	1-216-025-91	METAL GLAZE 100	5%	1/10W	R3253		METAL GLAZE		5%	1/10W
R3129		METAL GLAZE 220	5%	1/10W						
R3130		METAL GLAZE 220	5%	1/10W	R3256		METAL GLAZE		5%	1/10W
R3131 R3132		METAL GLAZE 220 METAL GLAZE 470	5% 5%	1/10W 1/10W	R3257 R3261		METAL GLAZE METAL GLAZE		5%	1/10W
K3132	1-210-041-00	METAL GLAZE 4/0	370	1/10 W	R3262		METAL GLAZE		5% 5%	1/10W 1/10W
R3133	1-216-033-00	METAL GLAZE 220	5%	1/10W	R3264		METAL GLAZE		5%	1/10W
R3134		METAL GLAZE 15K	5%	1/10 W	! !					
R3135		METAL GLAZE 4.7K	5%	1/10W	R3265		METAL GLAZE		5%	1/10W
R3136		METAL GLAZE 330	5%	1/10W	R3266		METAL GLAZE		5%	1/10W
R3137	1-210-007-00	METAL GLAZE 5.6K	5%	1/10W	R3268 R3269		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R3138	1-216-085-00	METAL GLAZE 33K	5%	1/10W	R3270		METAL GLAZE		5%	1/10W
R3140		METAL GLAZE 470	5%	1/8W				100	5 70	27.2011
R3141	1-216-049-91	METAL GLAZE 1K	5%	1/10W	R3271	1-216-085-00	METAL GLAZE	33K	5%	1/10 W
R3142		METAL GLAZE 220	5%	1/10W	R3272		METAL GLAZE		5%	1/10W
R3143	1-216-190-00	METAL GLAZE 470	5%	1/8W	R3273		METAL GLAZE		5%	1/10W
R3144	1 216 205 01	CONDUCTOR, CHIP			R3274 R3275		METAL GLAZE METAL GLAZE		5%	1/10W 1/10W
R3145		METAL GLAZE 100	5%	1/10W	K3213	1-210-009-91	METAL GLAZE	4/K	5%	1/10 W
R3146		METAL GLAZE 8.2K	5%	1/10W	R3276	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3147	1-216-025-91	METAL GLAZE 100	5%	1/10W	R3277	1-216-035-00	METAL GLAZE	270	5%	1/10W
R3148	1-216-043-91	METAL GLAZE 560	5%	1/10W	R3278		METAL GLAZE		5%	1/10 W
D2140	1 01/ 0/1 00	METAL CLAZE 22V	501	1/10337	R3279		METAL GLAZE		5%	1/10W
R3149 R3151		METAL GLAZE 3.3K METAL GLAZE 220	5% 5%	1/10W 1/10W	R3280	1-216-049-91	METAL GLAZE	IK	5%	1/10W
R3152		METAL GLAZE 220 METAL GLAZE 2.7K	5%	1/10W	R3281	1-216-652-11	METAL CHIP	1.1K	0.50%	1/10W
R3153		METAL CHIP 15K	0.50%		R3282		METAL GLAZE		5%	1/10W
R3154	1-216-295-91	CONDUCTOR, CHIP			R3283		METAL GLAZE		5%	1/10W
20144			=~	4 /4 0 ***	R3284		METAL GLAZE		5%	1/10W
R3155		METAL CLAZE 390	5%	1/10W	R3285	1-216-049-91	METAL GLAZE	1 K	5%	1/10W
R3156 R3158		METAL GLAZE 220 METAL GLAZE 680	5% 5%	1/10W 1/10W	R3286	1-216-033-00	METAL GLAZE	220	5%	1/10W
R3159		METAL GLAZE 000 METAL GLAZE 220	5%	1/10W	R3287		METAL GLAZE		5%	1/10W
R3161		METAL GLAZE 100	5%	1/10W	R3288		METAL GLAZE		5%	1/10W
					R3289	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3171		METAL CHIP 1.5K	0.50%	1/10W	R3290	1-216-049-91	METAL GLAZE	1 K	5%	1/10 W
R3172 R3173		METAL GLAZE 1K	5%	1/10W	D2201	1 016 042 01	METAL CLASS	560	E 07	1/1033/
R3175		METAL GLAZE 15K CONDUCTOR, CHIP	5%	1/10W	R3291 R3292		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R3176		METAL GLAZE 100	5%	1/10W	R3293		METAL GLAZE		5%	1/10W
					R3294		METAL GLAZE		5%	1/10W
R3177		METAL GLAZE 100	5%	1/10W	R3295	1-216-049-91	METAL GLAZE	1 K	5%	1/10W
R3178 R3179		METAL GLAZE 100	5%	1/10W	D2206	1 216 040 01	METAL CLASE	177	E 01	1/1033
R3179 R3180		METAL GLAZE 1.5K METAL GLAZE 47K	5% 5%	1/10W 1/10W	R3296 R3297		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R3182		METAL GLAZE 1K	5%	1/10W	R3298		METAL GLAZE		5%	1/10W
			- /-		R3299		METAL GLAZE		5%	1/10W
R3184	1-216-089-91	METAL GLAZE 47K	5%	1/10W	R3300		METAL GLAZE		5%	1/10W
R3185		METAL GLAZE 8.2K	5%	1/10W	maaa.					
R3186		METAL CLAZE 1K	5%	1/10W	R3301		METAL GLAZE		5%	1/10W
R3187 R3188		METAL GLAZE 2.2K METAL GLAZE 6.8K	5% 5%	1/10W 1/10W	R3302 R3303		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
113100	1 210 007 00	WETTE GENER CON	370	1/1011	R3304		METAL GLAZE		5%	1/10W
R3189		METAL GLAZE 100	5%	1/10W			-= + 2			
R3190		METAL GLAZE 180	5%	1/10W						
R3191		METAL GLAZE 180	5%	1/10W			<crystal></crystal>			
R3192 R3193		METAL GLAZE 1K METAL GLAZE 330	5% 5%	1/10W 1/10W	X3000	1 570 017 11	VIBRATOR, CR	VCTAI		
K3173	1-210-037-00	METAL GLAZE 330	370	1/10**	X3000		OSCILALTOR, C			
R3194	1-216-025-91	METAL GLAZE 100	5%	1/10W	X3002		OSCILLATOR, O			
R3202		METAL GLAZE 4.7K	5%	1/10 W			ŕ			
R3205		METAL GLAZE 270	5%	1/10W						
R3206 R3207		METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10W 1/10W	ale ale ale ale ale ale ale ale ale	; s alse [®] de site alse alse alse alse alse alse alse als	******	ale ale ale ale ale ale ale ale ale ale	****	de ske ske ske ske ske ske ske ske
K3207	1-210-049-91	METAL GLAZE IK	370	1/10W						
R3210	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W	:	* A-1311-436-A	GB BOARD, CO			
R3211	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W			******			
R3218		METAL GLAZE 1.5K	5%	1/10W		4 202 074 15	CODENIA CONTO) D 03777		
R3225		METAL CLAZE 2.2K	5%	1/10W		4-382-854-11	SCREW (M3X10), P, SW (+)	
R3226	1-210-001-00	METAL GLAZE 3.3K	5%	1/10W						
R3228	1-216-049-91	METAL GLAZE 1K	5%	1/10W			<capacitor></capacitor>			
R3229		METAL GLAZE 100	5%	1/10W						
R3230	1-216-051-00	METAL GLAZE 1.2K	5%	1/10 W	C1204	1-104-759-11		470μF	20%	200V
R3231		METAL GLAZE 270	5%	1/10W	C1205	1-104-759-11		470µF	20%	200V
R3241	1-216-085-00	METAL GLAZE 33K	5%	1/10W	C1208	1-164-625-11		680PF	10%	500V
R3244	1-216-075-00	METAL GLAZE 12K	5%	1/10W	C1209 C1210	1-164-625-11 1-136-173-00		680PF 0.47μF	10% 5%	500V 50V
XV2-1-1			5 /0	1/1011	0.210	. 150 175-00		γ μ	5 70	50 1

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Les composants identifies par une trame et une marque Λ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark $ilde{\mathbb{A}}$ are critical for safety. Replace only with part number specified.

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REF. NO. PART NO.	DESCRIPTION		į	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C1211 1-136-169- C1212 1-136-173- C1213 1-136-169- C1214 1-164-625- C1215 1-129-719-	00 FILM 00 FILM 11 CERAMIC	0.22µF 0.47µF 0.22µF 680PF 0.027µF	5% 5% 5% 10% 5%	50V 50V 50V 500V 630V	R1251 R1252 R1253 R1254 R1260	1-215-888-00 1-215-448-00 1-247-883-00 1-215-428-00 1-249-417-11	CARBON METAL	220 13K 150K 2K 1K	5% 1% 5% 1% 5%	2W F 1/4W 1/4W 1/4W 1/4W
C1252 1-128-548- C1253 1-128-548	11 ELECT 11 ELECT 11 ELECT 11 ELECT 00 FILM	4700µF 4700µF 4700µF 4700µF 0.01µF	20% 20% 20% 20% 5%	25V 25V 25V 25V 50V	R1264 R1266 R1267 R1272 R1273	1-249-429-11 1-249-429-11 1-249-429-11 1-247-807-31 1-211-761-11	CARBON CARBON CARBON	10K 10K 10K 100 0.1	5% 5% 5% 5% 10%	1/4W 1/4W 1/4W 1/4W 1/2W
C1256 1-136-153 C1265 1-126-965	00 FILM 11 ELECT <connector< td=""><td>0.01μF 22μF</td><td>5% 20%</td><td>50V 50V</td><td>R1274 R1295 R1296 R1297 R1299</td><td>1-249-393-11 1-211-761-11 1-249-421-11 1-211-761-11 1-247-807-31</td><td>FUSIBLE CARBON FUSIBLE</td><td>10 0.1 2.2K 0.1 100</td><td>5% 10% 5% 10% 5%</td><td>1/4W F 1/2W 1/4W 1/2W 1/4W</td></connector<>	0.01μF 22μF	5% 20%	50V 50V	R1274 R1295 R1296 R1297 R1299	1-249-393-11 1-211-761-11 1-249-421-11 1-211-761-11 1-247-807-31	FUSIBLE CARBON FUSIBLE	10 0.1 2.2K 0.1 100	5% 10% 5% 10% 5%	1/4W F 1/2W 1/4W 1/2W 1/4W
CN1203 * 1-691-135			1	D	Kizij	1-247-007-31	CARDON	100	570	17444
CN1203 * 1-091-133 CN1209 * 1-564-507 CN1210 * 1-573-963	11 PLUG, CONNE	CTOR 4P	•		T1202	1-429-289-11	<pre><transforme pre="" transformer<=""></transforme></pre>		TER (P	IT)
	<diode></diode>				T1204		TRANSFORMER			
D1202 8-719-110	84 DIODE LN4SB 22 DIODE RD11E	SB2			******	******	*****	******	*****	*****
D1205 8-719-991	31 DIODE D10SC0 33 DIODE 1SS133 33 DIODE 1SS133	T-77				* A-1316-229-A	G BOARD, CO!			
D1211 8-719-991 D1212 8-719-053	33 DIODE 1SS133 33 DIODE 1SS133 92 DIODE F10P06	T-77 Q					PLATE, SHIELD SCREW (M3X10)	
	33 DIODE 1SS133 63 DIODE RD24E						<capacitor></capacitor>			
D1277 8-719-991	33 DIODE 1SS133	T-77			C602 A	1-136-311-51 1-162-577-51	CERAMIC	0.47µF 0.0022µF	20% 20%	125V 400V 400V
	<ic></ic>				C604 A	1-162-577-51 1-125-692-11 1-125-692-11	ELECT(BLOCK) ELECT(BLOCK)	0.0022µF 820µF 820µF	20% 20% 20%	200V 200V
IC1201 8-759-198	31 IC uPC1093J-1-	T			C608	1-164-645-11	CERAMIC	1000PF	10%	500V
	<coil></coil>				C609 C610 C611	1-164-645-11 1-136-173-00 1-136-171-00	FILM FILM	1000PF 0.47μF 0.33μF	10% 5% 5%	500V 50V 50V
	11 INDUCTOR 2.2 11 INDUCTOR 2.2				C612 C613	1-136-173-00 1-136-171-00		0.47µF 0.33µF	5% 5%	50V 50V
	<transistor< td=""><td>{></td><td></td><td></td><td>C614 C615</td><td></td><td>CAPACITOR FILM</td><td>0.0015μF 0.033μF 0.47μF</td><td>10%</td><td>500V 630V 125V</td></transistor<>	{ >			C614 C615		CAPACITOR FILM	0.0015μF 0.033μF 0.47μF	10%	500V 630V 125V
	49 TRANSISTOR 49 TRANSISTOR				C653	1-162-318-11		0.001μF	10%	500V
Q1204 8-729-119	76 TRANSISTOR 78 TRANSISTOR 76 TRANSISTOR	2SC2785-H	FE		C656 C657 C658	1-128-548-11 1-126-929-11 1-126-936-11	ELECT	4700μF 4700μF 3300μF	20% 20% 20%	25V 10V 16V
Q1253 8-729-230	45 TRANSISTOR	2SC2458-Y	GR		C659 C660	1-128-548-11 1-164-644-11		4700µF 330PF	20% 10%	25V 500V
	<resistor></resistor>				C661 C662	1-123-024-21 1-107-636-11	ELECT	33µF 10µF 100µF	20% 20%	160V 160V 50V
R1205 1-247-891	00 CARBON 00 CARBON 61 FUSIBLE	330K 330K 0.1	5% 5% 10%	1/4W 1/4W 1/2W F	C663 C664 C665	1-124-122-11 1-126-235-11 1-126-964-11	ELECT	100μF 10μF	20% 20% 20%	6.3V 50V
R1207 1-247-891	00 CARBON 00 CARBON	330K 330K	5% 5%	1/4W 1/4W	C667 C668 C669	1-126-971-11 1-104-664-11 1-162-318-11	ELECT	470µF 47µF 0.001µF	20% 20% 10%	50V 25V 500V
R1210 1-247-891	00 METAL OXIDI 00 CARBON 00 CARBON	E 3.3 330K 330K	5% 5% 5%	2W F 1/4W 1/4W		1-104-664-11 1-104-664-11	ELECT	47μF 47μF 47μF	20% 20%	25V 25V
R1212 1-216-375	00 METAL OXIDI 11 CARBON		5% 5%	2W F 1/4W	C672 C673 C674	1-104-665-11 1-104-664-11 1-104-664-11	ELECT	100μF 47μF 47μF	20% 20% 20%	25V 25V 25V
R1217 1-211-761	11 CARBON	10 0.1	5% 10%	1/4W 1/2W	C675 C676	1-104-664-11 1-104-664-11	ELECT	47μF 47μF	20% 20%	25V 25V
R1219 1-249-425	11 CARBON 11 CARBON 11 CARBON	4.7K 4.7K 10K	5% 5% 5%	1/4W 1/4W 1/4W	C677 C678	1-125-473-11 1-107-635-11	ELECT(BLOCK) ELECT	1000μF 4.7μF	20% 20%	160V 160V

The componants identified by shading and mark ∆ are critical for safety.
Replace only with part number specified.

specified.

Les composants identifies par une trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie. piece portant le numero specifie.



1-164-64-11 CERAMIC 319P 10% 50V 50V 1-23-90-11 114-	REF. NO. PART NO.	DESCRIPTION]	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK	<u> </u>
1-126-96-11 FIDED 10p2 20% 50V FROST 1-410-396-41 FERRITE BEAD INDUCTOR 0.45pH FROST 1-410-396-41 FROST	C680 1-124-903-11	ELECT	1μF	20%	50V	F601 ∆						
CONNECTORS CN666								<ferrite bea<="" td=""><td>D></td><td></td><td></td><td></td></ferrite>	D>			
Compage 1,665-318-11 TAB CONNECTOR AP		<connector:< td=""><td>></td><td></td><td></td><td></td><td>1-410-396-41 1-410-396-41</td><td>FERRITE BEAD FERRITE BEAD</td><td>INDUCTO</td><td>OR 0.45µ OR 0.45µ</td><td>H H</td><td></td></connector:<>	>				1-410-396-41 1-410-396-41	FERRITE BEAD FERRITE BEAD	INDUCTO	OR 0.45µ OR 0.45µ	H H	
CN610		TAB (CONTACT	T)					<ic></ic>				
CN626	CN610 * 1-573-963-11 CN615 1-695-915-11	PIN, CONNECTO TAB (CONTACT	OR (PC BO T)	OARD) 3I	Þ				E DM-48			
CN651 *1-573-986-11 PLUG, CONNECTOR 4P L655 L405-588-11 CIL, CHOKE 2½ni L656 L405-588-11 CIL, CHOKE 2½ni L656 L405-588-11 CIL, CHOKE 2½ni L656 L405-588-11 CIL, CHOKE 2½ni L657 L405-588-11 CIL, CHOKE 2½ni L405-588-13 CIL, CHOKE 2½ni L405-588-11 CIL, CHOKE 2½ni L405-588-13 CIL, C				ER)				<coil></coil>				
D601	CN626 * 1-564-506-11 CN653 * 1-564-507-11	PLUG, CONNEC	CTOR 3P CTOR 4P	OARD) 5I	P	L654 L655 L656	1-403-588-11 1-403-588-11 1-412-519-11	CIL, CHOKE 22 CIL, CHOKE 22 INDUCTOR 3.3	Н Н Н			
Decoration De								·				
D6007 8-719-991-33 DIODE ISSI33T-77 Q601 8-729-019-49 TRANSISTOR ZSC4834M Q602 8-729-019-49 TRANSISTOR ZSC4834M Q602 8-729-019-49 TRANSISTOR ZSC4834M Q602 8-729-019-49 TRANSISTOR ZSC4834M Q603 8-729-019-49 TRANSISTOR ZSC4834M Q603 8-729-019-49 TRANSISTOR ZSC4834M Q603 8-729-019-49 TRANSISTOR ZSC4834M Q603 8-729-019-33 DIODE ISSI33T-77 Q653 8-729-219-20-62 TRANSISTOR ZSC4128-K QR Q604 8-729-019-31 DIODE DISSI33T-77 Q653 8-729-230-45 TRANSISTOR ZSC4258-VGR Q654 8-729-019-229 DIODE DIOSES4F Q655 8-729-230-45 TRANSISTOR ZSC4258-VGR Q656 8-729-029-79 DIODE DIOSES4F Q656 8-729-119-76 TRANSISTOR ZSC4175-HFE Q657 8-729-19-20-229 DIODE DIODE DIASEMF Q658 8-729-119-76 TRANSISTOR ZSC4175-HFE Q658 8-719-022-97 DIODE DISSIAMF Q658 8-729-119-76 TRANSISTOR ZSC4175-HFE Q659 8-719-022-97 DIODE DIASEMF Q658 8-729-119-76 TRANSISTOR ZSC4175-HFE Q660 8-729-022-97 DIODE DIASEMF Q659 8-729-119-76 TRANSISTOR ZSC4175-HFE Q663 8-729-119-76 TRANSISTOR ZSC4175-HFE Q664 8-719-03-23 DIODE DIAL-0-TA Q666 8-729-119-76 TRANSISTOR ZSA1175-HFE Q666 8-729-119-76 TRANSISTOR ZSA1175-HFE Q667 8-719-03-23 DIODE DIAL-0-TA Q668 8-729-119-76 TRANSISTOR ZSA1175-HFE Q668 8-719-10-25 DIODE DIAL-0-TA Q668 8-729-119-76 TRANSISTOR ZSA1175-HFE Q668 8-719-10-25 DIODE DIAL-0-TA Q669 8-729-119-76 TRANSISTOR ZSA1175-HFE Q669 8-719-91-33 DIODE DIAL-0-TA Q669 8-729-119-76 TRANSISTOR ZSA1175-HFE Q669 8-719-91-0-33 DIODE DISLA-0-TR Q669 8-729-119-76 TRANSISTOR ZSA1175-HFE Q669 8-719-91-33 DIODE DISLA-0-TR Q669 8-729-119-76 TRANSISTOR ZSA1175-HFE Q669 8-719-91-0-33 DIODE DISLA-0-TR Q669 8-729-119-76 TRANSISTOR ZSA1	D604 8-719-991-33	DIODE 1SS133T	Γ-77					<transistors< td=""><td></td><td></td><td></td><td></td></transistors<>				
Decoration Dec	D606 8-719-991-33	DIODE ISS133T	Γ- 7 7			Q601		TRANSISTOR 2	SC4834M			
DoS5 8-719-022-97 DIODE DIOSBS4F Q654 8-729-19-76 TRANSISTOR 2SA1175-HFE Q655 8-719-022-97 DIODE D254MF Q656 8-729-020-27 DIODE D254MF Q658 8-729-020-27 DIODE D254MF Q658 8-729-119-76 TRANSISTOR 2SA1175-HFE D658 8-719-022-97 DIODE D254MF Q658 8-729-119-76 TRANSISTOR 2SA1175-HFE D659 8-719-022-97 DIODE D254MF Q658 8-729-119-76 TRANSISTOR 2SA1175-HFE D669 8-719-022-80 DIODE D2140-TA Q659 8-729-119-76 TRANSISTOR 2SA1175-HFE D661 8-719-052-86 DIODE D2140-TA Q660 8-729-119-76 TRANSISTOR 2SA1175-HFE D662 8-719-052-31 DIODE D1NI-40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D663 8-719-502-31 DIODE D1NI-40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D664 8-719-510-26 DIODE D1NI-40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D664 8-719-510-26 DIODE D1NI-40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D665 8-719-91-33 DIODE B251337-77 Q665 8-719-110-37 DIODE D1NI-40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D667 8-719-91-33 DIODE B251337-77 Q668 Q669 R-719-91-33 DIODE B251337-77 Q679 R	D609 8-719-991-33 D610 8-719-991-33	DIODE 1SS133T DIODE 1SS133T	r <i>-77</i> r- <i>77</i>			Q651 Q652	8-729-820-82 8-729-119-76	TRANSISTOR 2	SA1208-S SA1175-HI	Æ GR		
D657 8-719-022-97 DIODE D284MF D658 8-719-022-97 DIODE D284MF D659 8-719-022-97 DIODE D284MF D659 8-719-022-97 DIODE D284MF D660 8-719-032-86 DIODE D2140-TA D661 8-719-032-86 DIODE D2140-TA D662 8-719-032-86 DIODE D2140-TA D663 8-719-032-86 DIODE D2140-TA D666 8-719-10-80 DIODE D2140-TA D666 8-719-10-80 DIODE D1N140-TR2 D666 8-719-10-80 DIODE D1N140-TR2 D666 8-719-10-80 DIODE D1N140-TR2 D666 8-719-10-91 DIODE D1N140-TR2 D666 8-719-10-91 DIODE D1N140-TR2 D666 8-719-10-91 DIODE D1N140-TR2 D666 8-719-10-91 DIODE D1N120 D666 8-719-110-22 DIODE D1N120 D667 8-719-110-22 DIODE RD11ESB2 D668 8-719-110-22 DIODE RD11ESB2 D669 8-719-110-40 DIODE D1N1371-77 D670 8-719-91-33 DIODE ISS133T-77 D671 8-719-91-33 DIODE D1N1313-77 D672 8-719-110-40 DIODE RD12ESB2 D673 8-719-110-40 DIODE RD18ESB2 D674 8-719-110-40 DIODE RD18ESB2 D675 8-719-191-33 DIODE ISS133T-77 D676 8-719-91-33 DIODE ISS133T-77 D677 8-719-91-33 DIODE ISS133T-77 D678 8-719-91-33 DIODE ISS133T-77 D679 8-719-91-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D670 8-719-991-33 DIODE ISS133T-77 D671 8-719-991-33 DIODE ISS133T-77 D672 8-719-991-33 DIODE ISS133T-77 D673 8-719-91-33 DIODE ISS133T-77 D674 8-719-991-33 DIODE ISS133T-77 D675 8-719-991-33 DIODE ISS133T-77 D677 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D679 8-719-991-33 DIODE ISS133T-77 D688 8-719-991-33 DIODE ISS133T-77 D688 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D688 8-719-991-33 DIODE ISS133T-77 D688 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689	D655 8-719-052-92	DIODE DIOSBS	4F			Q655	8-729-230-45	TRANSISTOR 2	SC2458-YC	GR		
D661 8-719-052-86 DIODE D2L40-TA D662 8-729-119-76 TRANSISTOR 2SA1175-HFE D663 8-719-052-31 DIODE D1NL40-TR2 D663 8-719-052-31 DIODE D1NL40-TR2 D664 8-719-510-26 DIODE D1NL40-TR2 D665 8-719-510-26 DIODE D1NL20 D665 8-719-91-33 DIODE D1NL40-TR2 D666 8-719-91-33 DIODE D1NL40-TR2 D666 8-719-91-57 DIODE RD22ESB2 D667 8-719-110-57 DIODE RD22ESB2 D669 8-719-110-22 DIODE RD11ESB2 R602 \$\[\Lambda \] 1-205-997-11 WIREWOUND 2.2 \$\	D657 8-719-022-97 D658 8-719-022-97 D659 8-719-022-97	DIODE D2S4MF DIODE D2S4MF DIODE D2S4MF	7 7 7			Q657 Q658	8-729-119-78	TRANSISTOR 2	SC2785-HF	Œ		
D662 8-719-052-31 DIODE DINL40-TR2 Q662 8-729-119-76 TRANSISTOR 2SA1175-HFE D664 8-719-510-26 DIODE DINL40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D665 8-719-910-32 DIODE DINL40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D666 8-719-910-32 DIODE DINL40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D666 8-719-910-32 DIODE DINL40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D666 8-719-910-32 DIODE DINL40-TR2 Q663 8-729-119-76 TRANSISTOR 2SA1175-HFE D667 8-719-110-57 DIODE DINL20-TRANSISTOR 2SA1175-HFE R668 R607 1-219-236-91 SOLID 22M 20% 1/2W D670 8-719-101-35 DIODE DISESB2 R603 A.1-219-236-91 SOLID 2.2M 20% 1/2W D671 8-719-109-54 DIODE BDISESB2 R605 A.1-247-891-91 CARBON 330K 5% 1/4W D675 8-719-991-33 DIODE ISS133T-77 R608 1-247-891-90 CARBON 330K 5% <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Q660</td><td>8-729-119-76</td><td>TRANSISTOR 2</td><td>SA1175-HF</td><td>Œ</td><td></td><td></td></t<>						Q660	8-729-119-76	TRANSISTOR 2	SA1175-HF	Œ		
D666 8-719-110-57 D10DE RD22ESB2 D667 8-719-10-22 D10DE RD11ESB2 R603 \$\frac{1}{2}.129-236-91 SOLID \$2.2M 20% 12W D670 8-719-110-41 D10DE RD15ESB2 R604 \$\frac{1}{2}.1247-891-91 CARBON 330K 5% 14W D671 8-719-91-33 D10DE ISS133T-77 R605 \$\frac{1}{2}.1247-891-91 CARBON 330K 5% 14W D672 8-719-104-9 D10DE RD18ESB2 R607 1-247-891-10 CARBON 330K 5% 14W D674 8-719-991-33 D10DE ISS133T-77 R608 1-247-891-00 CARBON 330K 5% 14W D676 8-719-991-33 D10DE ISS133T-77 R608 1-247-891-00 CARBON 330K 5% 14W D677 8-719-991-33 D10DE ISS133T-77 R610 1-247-891-00 CARBON 330K 5% 14W D678 8-719-200-82 D10DE ISS133T-77 R611 1-247-891-00 CARBON 330K 5% 14W D680 8-719-200-82 D10DE IIES2 R614 1-247-791-91 CARBON 22 5% 14W D681 8-719-200-82 D10DE IIES2 R615 1-247-891-91 CARBON 22 5% 14W D682 8-719-200-82 D10DE IIES2 R615 1-247-803-91 CARBON 22 5% 14W D683 8-719-200-82 D10DE IIES2 R615 1-247-803-91 CARBON 22 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R613 1-247-791-91 CARBON 22 5% 14W D686 8-719-200-82 D10DE IIES2 R615 1-247-803-91 CARBON 22 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R633 1-247-803-31 CARBON 22 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R633 1-247-803-31 CARBON 100 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R633 1-247-803-31 CARBON 100 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R636 1-249-413-11 CARBON 100 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R636 1-249-413-11 CARBON 100 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R636 1-249-413-11 CARBON 100 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R636 1-249-413-11 CARBON 100 5% 14W D686 8-719-991-33 D10DE ISS133T-77 R655 1-249-441-11 CARBON 100 5% 14W D690 8-719-991-33 D10DE ISS133T-77 R65	D662 8-719-052-31 D663 8-719-052-31 D664 8-719-510-26	DIODE D1NL40 DIODE D1NL40 DIODE D1NL20	-TR2 -TR2			Q662	8-729-119-76	TRANSISTOR 2	SA1175-HF	Œ		
D669 8-719-991-33 DIODE ISSI33T-77 R603												000000
D672 8-719-109-54 DIODE RD2.2ESB2 D673 8-719-110-49 DIODE RD18ESB2 D674 8-719-991-33 DIODE ISS133T-77 D675 8-719-109-85 DIODE RD5.1ESB2 D676 8-719-991-33 DIODE ISS133T-77 D677 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D678 8-719-991-33 DIODE ISS133T-77 D679 8-719-901-33 DIODE ISS133T-77 D679 8-719-901-33 DIODE ISS133T-77 D679 8-719-200-82 DIODE IIES2 D680 8-719-200-82 DIODE IIES2 D681 8-719-200-82 DIODE IIES2 D682 8-719-200-82 DIODE IIES2 D683 8-719-200-82 DIODE IIES2 D683 8-719-200-82 DIODE IIES2 D684 8-719-901-33 DIODE ISS133T-77 D679 8-719-901-33 DIODE ISS133T-77 D688 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D689 8-719-901-33 DIODE ISS133T-77 D690 8-719-901-33 DIODE ISS133T-77 D690 8-719-901-33 DIODE ISS133T-77 D690 8-719-901-33 DIODE ISS133T-77 D690 8-719-901-33 DIODE ISS133T-77 D690 8-719-901-33 DIODE ISS133T-77 D690 8-719-901-33 DIODE ISS133T-77 D690 8-719-00-89 DIODE DSS133T-77 D690 8-719-00-89 DIODE DSS133T-77 D690 8-719-00-89 DIODE DSS133T-77 D690 8-719-00-91-33 DIODE ISS133T-77 D690 8-719-00-93 DIODE ISS133T-77 D690 8-719-00-93 DIODE ISS133T-77 D690 8-719-00-91-33 DIODE ISS133T-77 D690 8-719-00-93 DIODE ISS133T-77 D690 8-719-00-93 DIODE ISS133T-77 D690 8-719-00-93 DIODE ISS133T-77 D690 8-719-00-91-33 DIODE ISS133T-77 D690 8-719-00-90 DIODE DSS133T-77 D690 8-719-00-90 DIODE D	D669 8-719-991-33 D670 8-719-110-41	DIODE 1SS133T DIODE RD15ES	T-77 B2			R603 A R604 A R605 A	1-205-997-11 1-247-891-91 1-247-891-91	WIREWOUND CARBON CARBON	2.2 330K 330K	5% 5% 5%	10W 1/4W 1/4W	E
D675 8-719-109-85 DIODE RD5.1ESB2	D673 8-719-110-49	DIODE RD18ES	B2			·						Г
R611 1-247-891-00 CARBON 330K 5% 1/4W	D675 8-719-109-85	DIODE RD5.1ES	SB2			R609	1-216-369-00	METAL OXIDE	1	5%	2W	F
D679 8-719-991-33 DIODE ISS133T-77 D680 8-719-200-82 DIODE 11ES2 D681 8-719-200-82 DIODE 11ES2 D682 8-719-200-82 DIODE 11ES2 D683 8-719-200-82 DIODE 11ES2 D683 8-719-200-82 DIODE 11ES2 D684 8-719-991-33 DIODE 1SS133T-77 D685 8-719-991-33 DIODE ISS133T-77 D686 8-719-991-33 DIODE ISS133T-77 D687 8-719-109-51 DIODE RD2.0ESB2 D688 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 D690 8-719-109-89 DIODE RD2.0ESB2 D691 8-719-991-33 DIODE ISS133T-77 D693 8-719-991-33 DIODE ISS133T-77 D690 8-719-109-89 DIODE RD5.6ESB2 R653 1-249-445-11 CARBON 1.2K 5% 1/4W P693 8-719-991-33 DIODE ISS133T-77 R654 1-249-418-11 CARBON 1.2K 5% 1/4W P693 8-719-991-33 DIODE ISS133T-77 R655 1-249-448-11 CARBON 1.0K 5% 1/4W P693 8-719-991-33 DIODE ISS133T-77 R655 1-249-441-11 CARBON 1.0K 5% 1/4W P693 8-719-991-33 DIODE ISS133T-77 R655 1-249-441-11 CARBON 1.0K 5% 1/4W P693 8-719-991-33 DIODE ISS133T-77 R656 1-216-369-00 METAL 150K 1% 1/4W P693 8-719-991-33 DIODE ISS133T-77 R656 1-216-369-00 METAL 0XIDE 1 5% 2W F	D677 8-719-991-33											
D682 8-719-200-82 DIODE 11ES2 D683 8-719-200-82 DIODE 11ES2 D685 8-719-991-33 DIODE 1SS133T-77 D686 8-719-991-33 DIODE 1SS133T-77 D687 8-719-109-51 DIODE RD2.0ESB2 D688 8-719-991-33 DIODE 1SS133T-77 D689 8-719-991-33 DIODE 1SS133T-77 D689 8-719-991-33 DIODE 1SS133T-77 D690 8-719-109-89 DIODE RD5.6ESB2 D691 8-719-991-33 DIODE 1SS133T-77 D693 8-719-991-33 DIODE 1SS133T-77 D693 8-719-991-33 DIODE 1SS133T-77 D694 8-719-991-33 DIODE 1SS133T-77 D695 8-719-991-33 DIODE 1SS133T-77 D696 8-719-991-33 DIODE 1SS133T-77 D697 R656 1-249-418-11 CARBON 1.2K 5% 1/4W F657 1-249-448-11 CARBON 100K 5% 1/4W F655 1-249-441-11 CARBON 100K 5% 1/4W F655 1-249-441-11 CARBON 100K 5% 1/4W F655 1-249-441-11 CARBON 100K 5% 1/4W F656 1-216-369-00 METAL 0XIDE 1 5% 2W F	D679 8-719-991-33 D680 8-719-200-82	DIODE 1SS133T DIODE 11ES2				R613 R614	1-247-791-91 1-247-791-91	CARBON CARBON	22 22	5% 5%	1/4W 1/4W	F
D685 8-719-991-33 DIODE ISS133T-77 R633 1-247-807-31 CARBON 100 5% 1/4W D687 8-719-991-33 DIODE ISS133T-77 R633 1-247-807-31 CARBON 100 5% 1/4W D688 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 R636 1-249-425-11 CARBON 4.7K 5% 1/4W D690 8-719-109-89 DIODE RD5.6ESB2 R653 1-249-418-11 CARBON 1.2K 5% 1/4W D691 8-719-991-33 DIODE ISS133T-77 R654 1-215-473-00 METAL 150K 1% 1/4W D693 8-719-991-33 DIODE ISS133T-77 R656 1-249-441-11 CARBON 1.2K 5% 1/4W D693 8-719-991-33 DIODE ISS133T-77 R656 1-215-473-00 METAL 150K 1% 1/4W D693 8-719-991-33 DIODE ISS133T-77 R656 1-216-369-00 METAL OXIDE 1 5% 2W F STUSE>	D682 8-719-200-82				4		1-247-791-91	CARBON				
D688 8-719-991-33 DIODE ISS133T-77 D689 8-719-991-33 DIODE ISS133T-77 R636 1-249-413-11 CARBON 470 5% 1/4W D690 8-719-109-89 DIODE RD5.6ESB2 R653 1-249-418-11 CARBON 1.2K 5% 1/4W F D691 8-719-991-33 DIODE ISS133T-77 R654 1-215-473-00 METAL 150K 1% 1/4W D693 8-719-991-33 DIODE ISS133T-77 R655 1-249-441-11 CARBON 100K 5% 1/4W R656 1-216-369-00 METAL OXIDE I 5% 2W F	D685 8-719-991-33 D686 8-719-991-33	DIODE 1SS133T DIODE 1SS133T	:-77			R632 R633 R634	1-247-807-31 1-247-807-31 1-249-417-11	CARBON CARBON CARBON	100 100 1 K	5% 5% 5%	1/4W 1/4W 1/4W	
D691 8-719-991-33 DIODE ISS133T-77 D693 8-719-991-33 DIODE ISS133T-77 R654 1-215-473-00 METAL 150K 1% 1/4W R655 1-249-441-11 CARBON 100K 5% 1/4W R656 1-216-369-00 METAL OXIDE 1 5% 2W F <fuse> R657 1-249-429-11 CARBON 10K 5% 1/4W</fuse>	D689 8-719-991-33	DIODE 188133T	:-77									
<pre><fuse></fuse></pre> R657 1-249-429-11 CARBON 10K 5% 1/4W	D691 8-719-991-33	DIODE 1SS133T	:-77			R654 R655	1-215-473-00 1-249-441-11	METAL CARBON	150K 100K	1% 5%	1/4W 1/4W	
		<fuse></fuse>				R657	1-249-429-11	CARBON	10 K	5%	1/4W	•





Les composants identifies par une trame et une marque Λ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark extstyle

REF. NO.	PART NO.	DESCRIPTION]	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	EMARK	
R659	1-249-417-11		1K 1K	5% 5%	1/4W F 1/4W	C707 C708	1-102-129-00 1-104-664-11		0.01μF 47μF	10% 20%	50V 25V	
R660 R661	1-249-417-11 1-215-471-00		120K	1%	1/4W	C709 C710	1-107-651-11 1-102-157-00	ELECT	4.7μF 560PF	20% 10%	250V 500V	
	1-215-452-91		20K	1%	1/4W	C714	1-162-115-00	CEDAMIC	330PF	10%	2KV	
R664 R665	1-249-429-11 1-249-425-11	CARBON	10K 4.7K	5% 5%	1/4W 1/4W	C714 C715	1-162-113-00	CERAMIC	0.022μF	10%	50V	
R666	1-249-429-11	CARBON	10K 10K	5% 5%	1/4W 1/4W	C716	1-102-050-00		0.01μF		500V	
R667	1-249-429-11							CONNECTOR				
R670 R672	1-247-895-91 1-247-807-31		470K 100	5% 5%	1/4W 1/4W			<connector></connector>				
R673	1-249-423-11	CARBON	3.3K	5%	1/4W	CN701		PIN, CONNECTO		TCH) IF	•	
R674 R675	1-249-413-11 1-249-429-11		470 10K	5% 5%	1/4W 1/4W	CN702 CN703		PLUG, CONNEC' PLUG, CONNEC'				
R676	1-249-421-11	CARBON	2.2K	5%	1/4W	CN704 CN705		PLUG, CONNEC' PLUG, CONNEC'				
R677	1-249-417-11		1 K	5%	1/4W			•				
R678	1-249-423-11		3.3K	5%	1/4W 1/4W	CN706 CN708		TAB (CONTACT SOCKET, PICTU				
R679 R680	1-249-423-11 1-249-413-11		3.3K 470	5% 5%	1/4W 1/4W	CN709		PLUG, CONNEC				
R681	1-249-425-11	CARBON	4.7K	5%	1/4W							
R682	1-249-403-11	CARBON	68	5%	1/4W			<diode></diode>				
R683 R684	1-249-417-11 1-249-417-11		1 K 1 K	5% 5%	1/4W 1/4W	D701	8-719-991-33	DIODE ISS133T-	-77			
R685	1-247-863-91		22K	5%	1/4W	D702	8-719-991-33	DIODE 1SS133T-	-77			
		G. 550.V	1077	<i></i>	1/4317	D703		DIODE 1SS133T- DIODE RD13ESF				
R686 R687	1-249-429-11 1-249-423-11		10K 3.3K	5% 5%	1/4W 1/4W	D704 D705		DIODE 11EQS04				
R688	1-249-423-11		3.3K	5%	1/4W			_				
R689	1-249-429-11		10K	5%	1/4W	D706 D707		DIODE 1SS133T- DIODE RD13ESI				
R690	1-247-863-91	CARBON	22K	5%	1/4W	D707		DIODE ISS83	52			
R691	1-249-417-11		1K	5%	1/4W	D710		DIODE RD5.6ES				
R693	1-249-425-11		4.7K 4.7K	5% 5%	1/4W 1/4W	D711	8-719-991-33	DIODE 188133T	-77			
R694 R695	1-249-425-11 1-249-429-11		10K	5%	1/4W	D713	8-719-510-48	DIODE D1N20R				
R697	1-249-413-11		470	5%	1/4W	D716 D717		DIODE RD13ESE DIODE RD13ESE				
R698	1-249-429-11		10K	5%	1/4W	D/1/	0-719-110-30	DIODE REISESI	,,,			
R699	1-249-417-11	CARBON	1K	5%	1/4W			<ic></ic>				
		<relay></relay>				IC701	8-759-168-72	IC TDA6101Q				
RY601 /	. 1-755-032-11	RELAY										
	. 1-755-032-11							<coil></coil>				
		TD ANCEODM	ZD.			L701	1-408-429-00	INDUCTOR 470	ıΉ			
		<transforme< td=""><td></td><td>993200 Auguston (0000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></transforme<>		993200 Auguston (0000								
T601 <u>/</u> T602 /	. 1-424-248-11	TRANSFORMER TRANSFORMER	t LINE FIL t CONVER	JTER KTER (F	AL)			<neon lamp=""></neon>				
T603 /	. 1-423-665-11	TRANSFORMEI TRANSFORMEI	I, POWER			NL701	1-519-108-XX	LAMP, NEON				
		TRANSFORME						<transistor></transistor>				
							0.500.110.50			7T)		
		<varistor></varistor>				Q701	8-729-119-76	TRANSISTOR 2	SA1173-DF	'IC		
VDR601	1-801-074-41	VARISTOR ERZ	V10D271			<u> </u>		<resistor></resistor>				
						R701	1-215-411-00	METAL.	390	1%	1/4W	
******	******	******	*****	*****	*****	R702	1-215-414-00		510	1%	1/4W	
						R704 R706	1-202-847-00 1-249-407-11		560K 150	20% 5%	1/2W 1/4W	
* A-1331-501-A CR BOARD, COMPLETE ***********************************							1-215-423-00		1.2K	1%	1/4W	
	4-387-854-11	SCREW (M3X10)), P. SW (4	-)		R708	1-202-883-11	SOLID	680 K	20%	1/2W	
	. 55m 05+ 11		,, -, - 11 (1	,		R709	1-215-437-00	METAL	4.7K 1.8K	1% 1%	1/4W 1/4W	
		<capacitor></capacitor>				R710 R711	1-215-427-00 1-215-427-00		1.8K 1.8K	1% 1%	1/4W 1/4W	
					25	R712		METAL OXIDE		5%	2W	F
C701	1-104-664-11 1-107-662-11		47μF 22μF	20% 20%	25V 250V	R713	1-202-818-00	SOLID	1K	20%	1/2W	
C702 C703	1-107-002-11		0.001uF	10%	250 V 2KV	R714	1-202-818-00	SOLID	1K	20%	1/2W	
C704	1-126-768-11	ELECT	2200µF	20%	16 V	R715	1-249-436-11		39 K 47 K	5% 5%	1/4W 1/4W	
C705	1-102-050-00	CERAMIC	0.01µF		500V	R716 R718	1-249-437-11 1-249-417-11		4/K 1K	5% 5%	1/4W 1/4W	
C706	1-102-949-00	CERAMIC	12PF	5%	50V							







REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK	<u>.</u>
R719 R720 R721 R722	1-247-807-31 1-249-437-11 1-202-549-00 1-202-549-00	CARBON SOLID	100 47 K 100 100	5% 5% 20% 20%	1/4W 1/4W 1/2W 1/2W	R737 R738 R739 R740 R741	1-202-818-00 1-202-549-00 1-215-420-00 1-215-427-00 1-249-437-11	SOLID METAL METAL	1K 100 910 1.8K 47K	20% 20% 1% 1% 5%	1/2W 1/2W 1/4W 1/4W 1/4W	
		<spark gap=""></spark>				R742	1-215-903-11	METAL OXIDE	68K	5%	2W	F
SG701 SG702 SG703	1-519-422-11	GAP, SPARK GAP, SPARK GAP, SPARK						<spark gap=""></spark>				
*****	***	******	. * * * * * * * * * * * * * *	***	*****	SG731 SG732 SG733	1-519-422-11	GAP, SPARK GAP, SPARK GAP, SPARK				
		CG BOARD, C	OMPLETE									
	4 202 054 11	*************						******			******	**
	4-382-834-11	SCREW (M3X10)), P, SW (+)			* A-1331-503-A	CB BOARD, C				
		<capacitor></capacitor>					4-382-854-11	SCREW (M3X10), P, SW (+	·)		
C731 C732 C733	1-161-754-00 1-107-662-11 1-102-050-00	ELECT	0.001µF 22µF 0.01µF	10% 20%	2KV 250V 500V			<capacitor></capacitor>				
C736 C738	1-126-964-11 1-107-651-11	ELECT	10μF 4.7μF	20% 20%	50V 250V	C761 C762	1-161-754-00 1-107-662-11		0.001μF 22μF	10% 20%	2KV 250V	
C739 C740	1-102-953-00 1-126-964-11		18PF 10μF	5% 20%	50V 50V	C763 C766 C769	1-102-050-00 1-107-651-11	ELECT	0.01μF 4.7μF	20%	500V 250V	
C741 C742	1-102-157-00 1-162-115-00	CERAMIC	560PF 330PF	10% 10%	500V 500V 2KV	C770	1-102-953-00 1-126-964-11		18PF 10µF	5% 20%	50V 50V	
C743 C744	1-164-097-11		0.022μF		50V	C771 C772	1-102-157-00 1-162-115-00	CERAMIC CERAMIC	560PF 330PF	10% 10%	500V 2KV	
C/44	1-102-050-00	CERAMIC	0.01μF		500V	C773 C774	1-164-097-11 1-102-050-00		0.022μF 0.01μF		50V 500V	
		<connector></connector>	•					<connector></connector>				
CN732 CN733 CN734	* 1-564-512-11 * 1-564-512-11 * 1-564-511-11	PIN, CONNECTO PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR 9P TOR 9P TOR 8P	ITCH) 1	P	CN762 CN763 CN766	* 1-564-512-11 * 1-564-509-11 1-695-915-11	PIN, CONNECTO PLUG, CONNEC PLUG, CONNEC TAB (CONTACT	OR (5mm P TOR 9P TOR 6P ")	ITCH) i	I P	
CN736 CN738		TAB (CONTACT SOCKET, PICTU			1	CN768	1-251-179-11	SOCKET, PICTU	RE TUBE			
		<diode></diode>				D761	8-719-110-36	<diode> DIODE RD13ESI</diode>	32			
D731 D732 D736 D737	8-719-901-83 8-719-510-48	DIODE RD13ESI DIODE 1SS83 DIODE D1N20R DIODE RD13ESI				D762 D763 D764 D765	8-719-901-83 8-719-991-33 8-719-110-36	DIODE 1SS83 DIODE 1SS133T DIODE RD13ESI DIODE RD13ESI	-77 32			
Disi	6-719-110-30	DIODE KD13E31	D2		8 8 8	D768 D769		DIODE D1N20R DIODE RD13ESI	32			
10001	0.750.160.70	<ic></ic>										
IC731	8-759-168-72	IC TDA6101Q				10761	0.750.160.70	<ic></ic>				
		<coil></coil>				IC761	8-739-108-72	IC TDA6101Q				
L731	1-408-429-00	INDUCTOR 470µ	Щ) •	<coil></coil>				
		<neon lamp=""></neon>				L761	1-408-429-00	INDUCTOR 470	Щ			
NL731	1-519-108-XX	LAMP, NEON						<neon lamp=""></neon>				
		<resistor></resistor>				NL760	1-519-108-XX	LAMP, NEON				
R731 R733	1-202-847-00 1-202-883-11		560K 680K	20% 20%	1/2W			<resistor></resistor>				
R734 R735 R736	1-202-883-11 1-202-818-00 1-249-407-11 1-249-441-11	SOLID CARBON	1K 150	20% 20% 5% 5%	1/2W 1/2W 1/4W 1/4W	R761 R763 R764 R767	1-202-847-00 1-202-883-11 1-202-818-00 1-202-818-00	SOLID SOLID	560K 680K 1K 1K	20% 20% 20% 20%	1/2W 1/2W 1/2W 1/2W	





Les composants identifies par une trame et une marque \(\frac{\Lambda}{\text{sont}}\) critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie. The componants identified by shading and mark $ilde{\Lambda}$ are critical for safety. Replace only with part number specified.

L							piece portant le ri	итего аресіне.	specified.		
REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION]	REMARK
R768 R769 R770 R771 R773		METAL CARBON METAL METAL OXIDE	100 1K 5.6K 1.8K 68K	20% 1% 5% 1% 5%	1/2W 1/4W 1/4W 1/4W 2W F	C923 C924 C925 C926 C927	1-126-964-11 1-126-940-11 1-137-372-11 1-104-665-11 1-137-364-11	ELECT FILM ELECT	10µF 330µF 0.022µF 100µF 0.001µF	20% 20% 5% 20% 5%	50V 16V 50V 25V 50V
R774 R775	1-249-407-11 1-202-549-00		100	5% 20%	1/4W 1/2W	C929 C930 C931 C932 C934	1-137-416-11 1-137-364-11 1-126-967-11 1-124-903-11 1-137-370-11	FILM ELECT ELECT	0.01µF 0.001µF 47µF 1µF 0.01µF	10% 5% 20% 20% 5%	100V 50V 50V 50V 50V
SG761 SG762 SG763	1-519-422-11	GAP, SPARK GAP, SPARK GAP, SPARK				C935 C936 C937 C938 C939	1-137-399-11 1-126-964-11 1-126-964-11 1-126-940-11 1-126-964-11	ELECT ELECT ELECT	0.1µF 10µF 10µF 330µF 10µF	10% 20% 20% 20% 20%	100V 50V 50V 16V 50V
						~		TT T.C.T.	22.17	000	25V
	* A-1341-885- <i>F</i>	************** A E BOARD, COI	MPLETE ******		*****	C940 C941 C942 C943 C944	1-104-663-11 1-126-964-11 1-104-663-11 1-126-965-11 1-126-964-11	ELECT ELECT ELECT	33μF 10μF 33μF 22μF 10μF	20% 20% 20% 20% 20%	50V 25V 50V 50V
	4-382-854-11	SCREW (M3X10), P, SW (+)		C945 C946	1-126-964-11 1-124-925-11		10μF 2.2μF	20% 20%	50V 50V
		<capacitor></capacitor>				C947 C948	1-104-665-11 1-104-665-11	ELECT ELECT	100µF 100µF	20% 20% 20%	25V 25V 50V
C801 C802 C803 C805 C806	1-110-626-11 1-163-117-00 1-110-626-11 1-136-173-00 1-102-030-00	CERAMIC CHIP ELECT FILM	330µF 100PF 330µF 0.47µF 330PF	20% 5% 20% 5% 10%	160V 50V 160V 50V 500V	C949 C950 C951 C955	1-126-964-11 1-126-964-11 1-109-889-11 1-126-964-11	ELECT ELECT	10μF 10μF 1μF 10μF	20% 20% 20% 20%	50V 50V 50V
C807 C808 C809	1-106-387-00 1-107-636-11 1-104-664-11	MYLAR ELECT ELECT	0.068µF 10µF 47µF	10% 20% 20%	200V 160V 25V	C980	1-137-368-11		0.0047шТ	5%	50V
C810 C811	1-130-481-00 1-137-475-11		0.0068μF 2.2μF	5% 10%	50V 250V	CJ901 CJ902		CONDUCTOR,			
C812 C813 C814 C815	1-126-965-11 1-162-318-11 1-124-122-11 1-162-114-00	CERAMIC ELECT	22µF 0.001µF 100µF 0.0047µF	20% 10% 20%	50V 500V 50V 2KV	CJ903 CJ904		CONDUCTOR, CONDUCTOR,			
	. 1-109-833-11		0.0145μF	3%	1.8KV	•		<connector< td=""><td>></td><td></td><td></td></connector<>	>		
C819 C820 C823 C824 C825	1-130-489-00 1-124-902-00 1-136-601-11 1-126-964-11 1-162-318-11	ELECT FILM ELECT	0.033µF 0.47µF 0.01µF 10µF 0.001µF	5% 20% 5% 20% 10%	50V 50V 630V 50V 500V	CN802 CN805 CN827 CN851 CN881	1-695-915-11 * 1-573-963-11 * 1-564-509-11	PLUG, CONNE TAB (CONTAC PIN, CONNECT PLUG, CONNE PIN, CONNECT	T) OR (PC BC CTOR 6P		_
C826 C827 C828 C830 C831	1-130-467-00 1-107-651-11 1-111-036-11 1-137-420-11 1-126-934-11	ELECT ELECT FILM	470PF 4.7µF 470µF 0.047µF 220µF	5% 20% 20% 10% 20%	50V 250V 16V 100V 16V	CN882 CN884 CN885 CN886 CN904	*1-573-964-11 *1-506-371-00 *1-506-371-00	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT PLUG, CONNE	OR (PC BC OR 2P OR 2P		
C832 C901 C902 C903 C904	1-126-967-11 1-163-117-00 1-137-370-11 1-137-431-11 1-137-358-11	CERAMIC CHIF FILM FILM	47µF 100PF 0.01µF 560PF 0.0001µF	20% 5% 5% 5% 5%	50V 50V 50V 50V 50V	D801 D802 D803	8-719-404-46	<diode> DIODE RD5.1E DIODE MA110 DIODE ERC38-</diode>			
C905 C906 C907 C908 C909	1-104-665-11 1-137-370-11 1-104-665-11 1-137-361-11 1-124-903-11	FILM ELECT FILM	100µF 0.01µF 100µF 330PF 1µF	20% 5% 20% 5% 20%	25V 50V 25V 50V 50V	D804 D805 D806 D807	8-719-908-03 A 8-719-979-40 8-719-991-33 A 8-719-979-40	DIODE GP08D DIODE ERC06- DIODE 1SS133 DIODE ERC06-	158TP11 Г-77 158TP11	***************************************	
C911 C912 C913 C915 C916	1-124-903-11 1-124-903-11	ELECT CERAMIC CHIE	1μF 1μF	5% 20% 20% 5% 20%	50V 50V 50V 50V 50V	D808 D809 D810 D811 D812	8-719-991-33 8-719-945-80 8-719-979-85 8-719-404-46	DIODE D8LC40 DIODE 18S133 DIODE ERC06- DIODE EGP200 DIODE MA110	Г-77 15S Э		
C917 C918 C919	1-126-964-11 1-137-364-11 1-126-964-11	FILM	10μF 0.001μF 10μF	20% 5% 20%	50V 50V 50V	D814 D816 D817	8-719-404-46 8-719-404-46	DIODE ERC91- DIODE MA110 DIODE MA110			
C920 C921	1-124-902-00 1-126-964-11	ELECT	0.47μF 10μF	20% 20%	50V 50V	D818 D819		DIODE MA110 DIODE RD5.1N			

The componants identified by shading and mark Λ are critical for safety.

Replace only with part number

specified.

Les composants identifies par une trame et une marque \(\Lambda\) sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by

in this
manual have been carefully factoryselected for each set in order to satisfy
regulations regarding X-ray radiation.
Should replacement be required, replace
only with the value originally used.



			only with th	ie value origina	ally used.				
REF. NO.	PART NO.	DESCRIPTION REMARK		PART NO.	DESCRIPTION]	REMARK	<u>-</u>
D901 D902 D904 D905	8-719-404-46 8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110 DIODE MA110	Q906 Q907 Q908 Q909	8-729-231-55 8-729-422-27	TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2:	SC2878-AB SD601A-O			
D907 D908 D909 D911	8-719-404-46 8-719-105-82 8-719-302-43	DIODE MAI 10 DIODE RD5.1M-B2 DIODE EL1Z DIODE RD5.1M-B2	Q910 Q911 Q912 Q913	8-729-422-27 8-729-422-27 8-729-216-22	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SD601A-Q SD601A-Q SA1162-G			
D912 D913 D914 D915 D916	8-719-404-46 8-719-404-46 8-719-404-46	DIODE RD5.1M-B2 DIODE MA110 DIODE MA110 DIODE MA110 DIODE RD3.9M-B1	Q914 Q915	8-729-422-27	TRANSISTOR D TRANSISTOR 2: TRANSISTOR 2: <resistor></resistor>	SD601A-Q			
D917 D918 D919 D920 D921	8-719-404-46 8-719-106-81 8-759-157-40	DIODE MA110 DIODE MA110 DIODE RD13M-B3 IC uPC574J DIODE RD13M-B3	R800 R801 R802 R804 R805	1-216-033-00 1-249-421-11 1-249-425-11	METAL CHIP METAL GLAZE CARBON	2.2K 4.7K	0.50% 5% 5% 5% 5%	1/10W 1/10W 1/4W 1/4W 1W	F F
D922 D923 D924 D925 D926	8-719-404-46 8-719-404-46 8-719-105-45	DIODE MA110 DIODE MA110 DIODE MA110 DIODE RD3.3M-B1 DIODE MA110	R806 R807 ■R808 △ ■R809 △ R810		CARBON CARBON CARBON	15K 560 6.8K	5% 5% 5% 5% 5%	1/4W 1/2W 1/4W 1/4W	F F F
D927	8-719-105-73	DIODE RD4.7M-B2 <ferrite bead=""></ferrite>	R811 R812 R813	1-216-395-00 1-216-484-00	METAL GLAZE METAL OXIDE METAL OXIDE	3.3 3.9K	5% 5% 5%	1/10W 3W 3W	F F
FB001	1_410_396_41	FERRITE BEAD INDUCTOR 0.45µH	R814 R816		METAL OXIDE METAL GLAZE		5% 5%	3W 1/10W	F
12001	1-410-570-41	<ic></ic>	R817 R818 R819	1-249-405-11 1-216-089-91	METAL GLAZE	100 47 K	5% 5% 5%	3W 1/4W 1/10W	
IC901 IC902	8-759-133-90 8-759-133-90		R820 R821		METAL OXIDE METAL GLAZE		5% 5%	3W 1/10W	F
IC903 IC904 IC905	8-759-711-28 8-759-634-51	IC NJM2058D IC M5218AP IC LM7912CT	R822 R823 R825 R826	1-216-041-00 1-215-928-11	METAL OXIDE METAL GLAZE METAL OXIDE METAL GLAZE	470 68K	5% 5% 5%	3W 1/10W 3W	F F
IC906	8-759-231-58	IC TA7812S	R830		METAL OXIDE		5% 5%	1/10W 3W	F
1 901	1 406 665 11	<coil></coil>	R831 R832 R835	1-216-049-91 1-249-474-11		1 K 1	5% 5% 5%	3W 1/10W 1/2W	F F
L801 L802 L803 L804	1-406-665-11 1-422-613-11	COIL, CHOKE 100µH COIL, CHOKE 100µH COIL, AIR CORE COIL, CHOKE 220µH	R836 R837 R838	1-202-818-00 1-215-870-11 1-247-807-31	METAL OXIDE	1K 1.5K 100	20% 5% 5%	1/2W 1W 1/4W	F
L901 L902	1-408-416-00	INDUCTOR 39µH INDUCTOR 39µH	R839 R841 R843 R844	1-249-429-11 1-216-491-11 1-202-549-00	CARBON METAL OXIDE	10K 56K 100	5% 5% 20% 5%		F F
NL802	1-519-108-XX	<neon lamp=""> (LAMP, NEON</neon>	R846 R847 R849 R850	1-247-863-91	METAL GLAZE	22K	20% 5% 5% 5%	1/2W 1/10W 1/4W 1/10W	
		<transistor></transistor>	R851		METAL CHIP	4.7K	0.50%	1/10W	
Q801 Q802 Q803 Q806 A	8-729-119-80 8-729-122-12 8-729-805-07	TRANSISTOR 2SC2688-LK TRANSISTOR 2SC2688-LK TRANSISTOR 2SA1221-L TRANSISTOR 2SD1887-CA TRANSISTOR 2SD601A-Q	R852 R854 R855 R856 R857	1-249-381-11 1-208-822-11 1-208-822-11	METAL CHIP CARBON METAL CHIP METAL CHIP METAL CHIP	10K 1 47K 47K 100K	0.50% 5% 0.50% 0.50% 0.50%	1/10W 1/4W 1/10W 1/10W 1/10W	F
Q808 Q809 Q810 Q811 Q813	8-729-024-30 8-729-823-81 8-729-231-55 8-729-823-81	TRANSISTOR IRFI640LF TRANSISTOR 2SC4632LS-CB7 TRANSISTOR 2SC2878-AB TRANSISTOR 2SC4632LS-CB7 TRANSISTOR 2SA1162-G	R858 R859 R883 R888 R901	1-249-381-11 1-216-091-00 1-216-067-00	METAL CHIP CARBON METAL GLAZE METAL GLAZE METAL GLAZE	5.6K	0.50% 5% 5% 5% 5%	1/10W 1/4W 1/10W 1/10W 1/10W	F
Q901 Q902 Q903 Q904 Q905	8-729-422-27 8-729-140-93 8-729-140-96 8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SB733-34 TRANSISTOR 2SD774-34 TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q	R902 R903 R904 R905 R906	1-216-085-00		33K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/2W 1/2W	

E D

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Replace only with part number specified.

L		only w	vith the value	originally use	d.				_	
REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		<u>R</u>	EMARK
R907 R908	1-216-085-00	METAL GLAZE	33K 5%	6 1/10 W	R981		METAL GLAZE METAL CHIP		5% 0.50%	1/10W 1/10W
R909 R910		METAL GLAZE METAL GLAZE			R982 R983	Δ.	METAL GLAZE			1/10W
R911		METAL GLAZE		6 1/10W	R984		METAL GLAZE METAL CHIP		5% 0.50%	1/10W 1/10W
R912	1-216-073-00	METAL GLAZE	10K 59	6 1/10W	R985 R986		METAL GLAZE		5%	1/10W 1/10W
R913	1-216-077-00	METAL GLAZE	15K 59	6 . 1/10W					E at	1/1007
R914 R915		METAL GLAZE METAL GLAZE			R987		METAL GLAZE	2./K	5%	1/10W 1/10W
R916		METAL GLAZE			R989	1-216-462-00	METAL OXIDE		5%	2W F 2W F
R917	1-216-057-00	METAL GLAZE	2.2K 59	6 1/10W	R990 R991		METAL OXIDE METAL CHIP		5% 0.50%	1/10W
R918	1-216-073-00	METAL GLAZE	10K 59	6 1/10 W		1 040 421 11	CARRON	1 <i>5V</i>	E 01.	1/4W
R919 R920		METAL GLAZE METAL GLAZE			R992 R993	1-249-431-11 1-249-431-11		15K 15K	5% 5%	1/4W 1/4W
R921		METAL GLAZE			R994	1-247-807-31		100 12K	5% 0.50%	1/4W 1/10W
R922	1-216-073-00	METAL GLAZE	10K 59	% 1/10W	R995 R996			22K	0.50%	1/10W
R923	1-216-077-00	METAL GLAZE	15K 59	% 1/10 W	D007	1 216 065 00	MICTAL CLATE	1 7V	5%	1/10W
R924 R926		METAL GLAZE METAL GLAZE			R997 R998		METAL GLAZE METAL GLAZE		5%	1/10W 1/10W
R927	1-249-377-11		0.47 59		F R999	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R928	1-216-067-00	METAL GLAZE	5.6K 59	% 1/10W						
R929	1-216-041-00	METAL GLAZE	470 59	% 1/10W			<spark gap=""></spark>			
R930 R931		METAL GLAZE METAL GLAZE			SG801	1-519-422-11	GAP, SPARK			
R932		METAL GLAZE		% 1/10W						
R933		METAL GLAZE					<transforme< td=""><td>R></td><td></td><td></td></transforme<>	R>		
R934		METAL GLAZE METAL GLAZE			TRAI	A 1_457_1RQ_11	TRANSFORMER	ASSV FIL	YRACK	
R935 R936	1-216-065-00	METAL GLAZE	4.7K 59	% 1/10W					(NX	2631/A4S)
R937	1-216-049-91	METAL GLAZE	1K 59	% 1/10W	T802		TRANSFORMER TRANSFORMER			KIVE
R938		METAL CHIP		50% 1/10W				•	•	
R939 R940	1-216-073-00	METAL GLAZE METAL GLAZE	10K 59							
R941	1-216-091-00	METAL GLAZE	56K 59	% 1/10W	*****	**********	******	******	*****	*****
R942	1-216-049-91	METAL GLAZE	1K 59			* A-1346-296-A	D BOARD, COM	MPLETE		
R943 R944	1-249-377-11	CARBON METAL GLAZE	0.47 59 39K 59		F		*******	******		
R945	1-216-077-00	METAL GLAZE	15K 59	% 1/10W			SCREW (M3X10))	
R946 R947		METAL GLAZE METAL GLAZE			İ	7-682-652-09	SCREW +PSW 32	X16		
							-CADACITODS			
R948 R950		METAL GLAZE METAL GLAZE					<capacitor></capacitor>			
R952	1-216-049-91	METAL GLAZE	1K 5.9		C1502	1-126-943-11	ELECT CERAMIC CHIP	2200µF	20% 10%	25V 50V
R954 R955	1-214-777-00 1-214-769-00	METAL METAL	100K 19		C1503 C1504	1-104-232-11		2200uF	20%	25V
					C1505	1-136-177-00 1-102-228-00		1μF 470PF	5% 10%	50V 500V
R956 R957		METAL CHIP METAL CHIP		.50% 1/10W .50% 1/10W	C1506					
R958	1-218-756-11	METAL CHIP		.50% 1/10W % 1/4W	C1507 C1508	1-164-232-11	CERAMIC CHIP CERAMIC CHIP	0.01µF 100PF	10% 5%	50V 50V
R959 R960	1-214-757-00 1-216-077-00	METAL GLAZE			C1509	1-124-122-11	ELECT	100μF	20%	50V
R962	1-208-806-11	METAL CHIP	10K 0.	.50% 1/10W	C1510 C1511	1-137-401-11 1-137-423-11		0.22µF 0.15µF	10% 10%	100V 100V
R963	1-214-749-00	METAL	6.8K 1°	% 1/4W				•	100	10037
R964 R965	1-214-757-00	METAL METAL GLAZE		% 1/4W % 1/10W	C1512 C1513	1-137-423-11 1-163-109-00	CERAMIC CHIP	0.15μF 47PF	10% 5%	100V 50V
R966	1-214-757-00			% 1/4W	C1514	1-163-031-11	CERAMIC CHIP	0.01µF		50V
R967	1-216-025-91	METAL GLAZE	100 59	% 1/10W	C1515 C1516	1-163-031-11 1-136-177 - 00	CERAMIC CHIP FILM	0.01μ . 1μ . F	5%	50V 50V
R968	1-214-751-00	METAL	8.2K 1°	% 1/4W	C1517		CERAMIC CHIP	220DE	5%	50V
R969 R970	1-214-731-00 1-214-757-00			% 1/4W % 1/4W	C1517	1-126-964-11	ELECT	10μF	20%	50V
R971		METAL GLAZE		% 1/10W	C1603 C1604		CERAMIC CHIP CERAMIC CHIP		5% 5%	50V 50V
R972		METAL CHIP		.50% 1/10W	C1605		CERAMIC CHIP		5%	50V
R973 R974		METAL GLAZE METAL CHIP		% 1/10W .50% 1/10W	C1606	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
R975	1-216-043-91	METAL GLAZE	560 5	% 1/10W	C1607	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
R976	1-216-041-00	METAL GLAZE	470 5	% 1/10W	C1608 C1611	1-124-122-11	CERAMIC CHIP ELECT	100PF 100µF	5% 20%	50V 50V
R977		METAL GLAZE		% 1/10W	C1612	1-104-665-11	ELECT	100µF	20%	25V
R978 R979) METAL GLAZE) METAL GLAZE		% 1/10W % 1/10W	C1613	1-124-122-11		100μ F	20%	50V
R980		METAL GLAZE		% 1/10W	C1615	1-104-665-11	ELECT	100μF	20%	25V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C1617 C1619 C1620	1-126-941-11 1-104-665-11 1-126-941-11	ELECT	470µF 100µF 470µF	20% 20% 20%	25V 25V 25V	C1859 C1860 C1861 C1862				10% 10% 20% 20%	25V 25V 50V 50V
C1622 C1701 C1702 C1703 C1704	1-163-099-00		18PF	20% 20% 10% 5% 5%	25V 16V 25V 50V 50V	C1863 C1864 C1865 C1866	1-136-173-00 1-124-903-11 1-124-903-11 1-126-967-11	FILM ELECT ELECT	0.47µF 1µF 1µF 47µF	5% 20% 20% 20%	50V 50V 50V 50V
C1705 C1709	1-163-099-00	CERAMIC CHIP CERAMIC CHIP	18PF	5%	50V 50V		1 120 307 11	<chip conduc<="" td=""><td>·</td><td>2070</td><td>301</td></chip>	·	2070	301
C1723 C1724 C1801	1-163-117-00	CERAMIC CHIP CERAMIC CHIP	100PF	5% 5% 20%	50V 50V 50V	CJ1 CJ2	1-216-295-91	CONDUCTOR, C	CHIP CHIP		
C1802 C1803 C1805	1-163-809-11	CERAMIC CHIP CERAMIC CHIP	0.047μF	20% 10% 10%	50V 25V 25V	CJ3 CJ4 CJ5	1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	CHIP CHIP		
C1806 C1807	1-163-809-11	CERAMIC CHIP	0.047μ F	5% 10%	50V 25V	CJ6 CJ7 CJ8	1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C	CHIP CHIP		
C1808 C1809 C1810 C1811	1-126-940-11 1-126-940-11		330μF 330μF	10% 20% 20% 10%	25V 16V 16V 25V	CJ9 CJ10	1-216-295-91	CONDUCTOR, C	CHIP		
C1812 C1813	1-163-809-11	CERAMIC CHIP CERAMIC CHIP	0.047μF	10%	25 V 25 V 50 V	CJ11 CJ12 CJ13 CJ16	1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	CHIP CHIP		
C1814 C1816 C1817	1-163-809-11 1-163-117-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.047μF 100PF	10% 5% 5%	25V 50V 50V	CJ17 CJ18	1-216-295-91	CONDUCTOR, C	CHIP		
C1818 C1819		CERAMIC CHIP		10%	25V 16V	CJ19 CJ20 CJ21	1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	CHIP CHIP		
C1820 C1821 C1822	1-124-902-00	CERAMIC CHIP ELECT CERAMIC CHIP	470PF 0.47μF	10% 20% 10%	50V 50V 50V	CJ22 CJ23	1-216-295-91	CONDUCTOR, C	HIP		
C1823 C1824	1-124-903-11 1-124-903-11	ELECT	1µF 1µF	20% 20%	50V 50V	CJ24 CJ25 CJ26	1-216-295-91 1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	CHIP CHIP CHIP		
C1825 C1826 C1827	1-126-967-11 1-126-967-11 1-163-809-11	ELECT CERAMIC CHIP	47μF 47μF 0.047μF	20% 20% 10%	50V 50V 25V	CJ27 CJ28	1-216-295-91	CONDUCTOR, C	HIP		
C1828 C1829	1-163-809-11	CERAMIC CHIP	0.047μF	10%	25V 25V	CJ29 CJ30 CJ31	1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	HIP HIP		
C1830 C1831 C1832 C1833	1-126-940-11 1-126-940-11		330μF 330μF	10% 20% 20% 10%	25V 16V 16V 25V	CJ34 CJ35 CJ36	1-216-295-91	CONDUCTOR, C CONDUCTOR, C	НІР		
	1-163-809-11	CERAMIC CHIP CERAMIC CHIP	0.047μF		25V 25V 25V	CJ37 CJ38 CJ39	1-216-295-91 1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	HIP HIP		
C1836 C1837 C1838	1-163-809-11	CERAMIC CHIP CERAMIC CHIP	$0.047 \mu F$	10% 10% 20%	25V 16V 50V	CJ42 CJ43	1-216-295-91	CONDUCTOR, C	HIP		
C1839 C1840	1-124-122-11 1-124-903-11	ELECT	100µF 1µF	20% 20%	50V 50V	CJ44 CJ45 CJ46	1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	HIP		
C1841 C1842 C1843		CERAMIC CHIP CERAMIC CHIP		20% 5% 5%	50V 50V 50V	CJ47 CJ48	1-216-295-91	CONDUCTOR, C	HIP		
C1844 C1845 C1846	1-126-967-11 1-163-809-11	ELECT CERAMIC CHIP CERAMIC CHIP	47μF 0.047μF	20% 10% 10%	50V 25V 25V	CJ50 CJ51 CJ53	1-216-295-91	CONDUCTOR, C CONDUCTOR, C	HIP		
C1847 C1848	1-163-809-11	CERAMIC CHIP CERAMIC CHIP	0.047µF	10% 10% 10%	25V 25V 25V	CJ54 CJ55 CJ57	1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	HIP		
C1849 C1850 C1851	1-124-122-11 1-124-122-11 1-137-399-11	ELECT	100μF 100μF 0.1μF	20% 20% 5%	50V 50V 50V	CJ58 CJ59	1-216-295-91	CONDUCTOR, C CONDUCTOR, C	HIP		
C1852 C1853	1-124-122-11 1-137-378-11	ELECT FILM	100μF 0.22μF	20% 5%	50V 50V	CJ60 CJ62 CJ63	1-216-295-91	CONDUCTOR, C CONDUCTOR, C CONDUCTOR, C	HIP		
C1854 C1855 C1856	1-124-927-11 1-124-903-11 1-104-665-11	ELECT ELECT	4.7μF 1μF 100μF	20% 20% 20%	50V 50V 25V			<connector></connector>			
C1857 C1858	1-124-122-11 1-163-809-11	ELECT CERAMIC CHIP	100µF 0.047µF	20% 10%	50V 25V			PLUG, CONNECT			



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REF. NO. PART N	O. DESCRIPTION	REMARK	REF. NO.	DADT NO	DECODINEION			
			KLI . 140.	PART NO.	DESCRIPTION		KI	EMARK
CN1642 * 1-564-5	07-11 PLUG, CONNECTOR 4P 07-11 PLUG, CONNECTOR 4P 07-11 PLUG, CONNECTOR 4P		L1501	1-412-533-21	<coil> INDUCTOR 47μH</coil>			
CN1756 * 1-564-5	07-11 PLUG, CONNECTOR 4P 08-11 PLUG, CONNECTOR 5P 16-11 PLUG, CONNECTOR 13P	·	L1502 L1503 L1515 L1516	1-412-524-11 1-410-470-11	INDUCTOR 47µH INDUCTOR 8.2µH INDUCTOR 10µH INDUCTOR 100µ	H I		
	<diode></diode>	†	L1701 L1801 L1802	1-406-975-21	INDUCTOR 10µH COIL, CHOKE 47 COIL, CHOKE 47	μH		
D1502 8-719-1 D1503 8-719-9	08-03 DIODE GP08D 09-89 DIODE RD5.6ESB2 '71-20 DIODE ERC38-06 09-88 DIODE RD5.6ESB1				<transistor></transistor>			
D1551 8-719-1	09-72 DIODE RD3.9ESB2		Q1501 Q1502 Q1551	8-729-422-27 8-729-216-22	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	D601A-Q A1162-G		
D1601 8-719-9 D1602 8-719-9	191-33 DIODE 1SS133T-77 108-03 DIODE GP08D 108-03 DIODE GP08D 108-03 DIODE GP08D		Q1552 Q1701 Q1801	8-729-422-27	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	D601A-Q		
D1604 8-719-9 D1803 8-719-9 D1812 8-719-9	008-03 DIODE GP08D 191-33 DIODE 1SS133T-77 191-33 DIODE 1SS133T-77 191-33 DIODE 1SS133T-77		Q1802 Q1803 Q1804 Q1805	8-729-216-22 8-729-900-36 8-729-422-27	TRANSISTOR 2S TRANSISTOR D' TRANSISTOR 2S TRANSISTOR D'	A1162-G FC124ES D601A-Q		
	991-33 DIODE 1SS133T-77				<resistor></resistor>			
D1827 8-719-1 D1931 8-719-1 D1932 8-719-1	991-33 DIODE 1SS133T-77 09-68 DIODE RD3.6ESB1 .10-60 DIODE RD24ESB .10-60 DIODE RD24ESB 10-60 DIODE RD24ESB		R1501 R1502 R1504 R1505 R1506	1-208-814-11 1-216-081-00 1-216-085-00	METAL GLAZE METAL CHIP METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 33K	5% 0.50% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
D1936 8-719- D1937 8-719-	10-60 DIODE RD24ESB 10-60 DIODE RD24ESB 10-60 DIODE RD24ESB 10-60 DIODE RD24ESB		R1507 R1508	1-208-814-11 1-216-057-00	METAL CHIP METAL GLAZE CARBON	22K 2.2K 1.5	0.50% 5% 5%	1/10W 1/10W 1/4W F
	10-60 DIODE RD24ESB		R1510 R1511	1-214-671-11 1-214-671-11		3.9 3.9	1% 1%	1/4W 1/4W
D1947 8-719- D1948 8-719- D1949 8-719-	110-60 DIODE RD24ESB 110-60 DIODE RD24ESB 110-36 DIODE RD13ESB2 110-60 DIODE RD24ESB 110-36 DIODE RD13ESB2		R1512 R1513 R1514 R1515 R1516	1-214-671-11 1-216-632-11	METAL CHIP METAL CHIP	150 3.9 160 330 3.9	5% 1% 0.50% 0.50% 1%	3W F 1/4W 1/10W 1/10W 1/4W
	110-36 DIODE RD13ESB2 110-36 DIODE RD13ESB2		R1517 R1518	1-216-647-11 1-216-665-11	METAL CHIP METAL CHIP	680 3.9 K	0.50% 0.50%	1/10W 1/10W
	<fuse></fuse>		R1520 A	1-249-385-71 1-249-385-71 1-216-049-91	CARBON METAL GLAZE	2.2 2.2 1K	5% 5% 5%	1/4W F 1/4W F 1/10W
1-533- F1602	745-11 FUSE GLASS TUBE (3.15A) 223-11 CLIP, FUSE; F1601 745-11 FUSE GLASS TUBE (3.15A) 223-11 CLIP, FUSE; F1602		R1522 R1523 R1551 R1552 R1553	1-216-049-91 1-216-033-00 1-216-081-00 1-216-063-91	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 220 22K 3.9K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
IC1601 8-749- IC1602 8-749- IC1701 8-752-	<ic> 192-71 IC STV9379 100-88 IC STK392-010 100-88 IC STK392-010 861-57 IC CXP85112B-613S</ic>		R1554 R1559 R1562 R1603 R1604	1-216-073-00 1-216-025-91 1-216-663-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL CHIP METAL CHIP	10K	5% 5% 5% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W 1/10W
IC1801 8-759- IC1802 8-759- IC1803 8-759- IC1804 8-759-	041-54 IC MN1382S 0327-52 IC PM0002B 0327-51 IC PA0053B 012-67 IC MC7905CT 031-53 IC TA7805S 0327-52 IC PM0002B		R1605 R1606 R1607 R1608 R1610	1-216-663-11 1-216-663-11	METAL CHIP METAL CHIP METAL CHIP METAL CHIP METAL	3.3K 3.3K 3.3K 3.3K 1K	0.50% 0.50% 0.50% 0.50% 1%	1/10W 1/10W 1/10W 1/10W 1/4W
IC1806 8-759- IC1807 8-759- IC1808 8-759- IC1809 8-759-	327-52 IC PM0002B 327-51 IC PA0053B 329-65 IC LM7912CT 231-58 IC TA7812S 327-52 IC PM0002B		R1612 R1613 R1615 R1616 R1618	1-214-729-00 1-214-673-00 1-214-673-00 1-214-673-00 1-214-673-00	METAL METAL METAL	1K 4.7 4.7 4.7 4.7	1% 1% 1% 1% 1%	1/4W 1/4W 1/4W 1/4W 1/4W
	711-28 IC NJM2058D 711-28 IC NJM2058D		R1619 R1620 R1621 R1622	1-214-673-00 1-214-673-00 1-214-673-00 1-214-673-00	METAL METAL	4.7 4.7 4.7 4.7	1% 1% 1% 1%	1/4W 1/4W 1/4W 1/4W

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REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		F	REMARK
D 1 600										-	
R1623	1-214-729-00	METAL	1K	1%	1/4W	R1840		METAL CHIP	10 K	0.50%	1/10W
D1624	1 214 720 00	METAL	177	101	1 / 4337	R1841		METAL CHIP	10K	0.50%	1/10W
R1624 R1625	1-214-729-00 1-214-673-00		1K 4.7	1%	1/4W	R1842	1-216-025-91	METAL GLAZE	100	5%	1/10 W
R1626	1-214-673-00		4.7 4.7	1% 1%	1/4 W 1/4 W	R1843	1 216 651 11	METAL CHID	177	0.500	1/10337
R1627	1-214-673-00		4.7	1%	1/4W	R1844		METAL CHIP METAL GLAZE	1K	0.50%	1/10W
R1628	1-214-673-00		4.7	1%	1/4W	R1845		METAL GLAZE		5% 5%	1/10W 1/10W
				- / 0	27 7 7 7	R1846		METAL GLAZE		5%	1/10W
R1629	1-214-673-00	METAL	4.7	1%	1/4W	R1847		METAL CHIP	10K	0.50%	1/10W
R1630	1-214-673-00		4.7	1%	1/4W	1				010 0 70	
R1631	1-214-729-00		1K	1%	1/4W	R1848		METAL GLAZE		5%	1/10 W
R1632	1-214-673-00		4.7	1%	1/4W	R1849		METAL GLAZE		5%	1/10W
R1633	1-214-673-00	METAL	4.7	1%	1/4W	R1850		METAL GLAZE		5%	1/10W
R1634	1-214-729-00	METAI	1K	1%	1/4W	R1851		METAL GLAZE		5%	1/10W
R1635	1-214-673-00		4.7	1%	1/4W 1/4W	R1852	1-210-097-91	METAL GLAZE	100K	5%	1/10W
R1636	1-214-673-00		4.7	1%	1/4W	R1853	1-216-057-00	METAL GLAZE	2 2K	5%	1/10W
R1637	1-214-673-00		4.7	1%	1/4W	R1854		METAL GLAZE		5%	1/10W 1/10W
R1638	1-214-673-00		4.7	1%	1/4W	R1855		METAL GLAZE		5%	1/10W
						R1856		METAL GLAZE		5%	1/10W
R1639	1-214-673-00		4.7	1%	1/4W	R1857		METAL GLAZE		5%	1/10W
R1640	1-214-673-00		4.7	1%	1/4W			•			
R1641	1-214-673-00		4.7	1%	1/4W	R1858		METAL GLAZE		5%	1/10 W
R1642	1-214-673-00		4.7	1%	1/4W	R1859		METAL GLAZE		5%	1/10W
R1717	1-216-033-00	METAL GLAZE	220	5%	1/10W	R1860		METAL GLAZE		5%	1/10W
R1721	1 216 022 00	METAL CLATE	220	E M	1/1037	R1861		METAL OXIDE		5%	3W F
R1721 R1737		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W	R1862	1-216-4/3-11	METAL OXIDE	56	5%	3W F
R1740		METAL GLAZE		5%	1/10W 1/10W	R1863	1 216 025 01	METAL GLAZE	100	E Of	1/1033/
R1748		METAL GLAZE		5%	1/10W	R1864		METAL GLAZE		5%	1/10W
R1749		CONDUCTOR, O		3 10	1/10 **	R1865		METAL OLAZE		5% 5%	1/10W 3W F
,	. 210 2/3 /1	COMPOCION,				R1866		METAL OXIDE		5%	3W F 3W F
R1751	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1868		METAL GLAZE		5%	1/10W
R1752		METAL GLAZE		5%	1/10W	RIGOO	1-210-025-71	METAL OLAZE	100	3 70	1/10 W
R1760		CONDUCTOR, O				R1869	1-216-685-11	METAL CHIP	27K	0.50%	1/10W
R1788		METAL CHIP	10K	0.50%	1/10W	R1870		METAL CHIP	27K	0.50%	1/10W
R1801	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R1871		METAL CHIP	27K	0.50%	1/10W
						R1872		METAL CHIP	27K	0.50%	1/10W
R1802		METAL GLAZE		5%	1/10W	R1873		METAL CHIP	27K	0.50%	1/10W
R1803		METAL GLAZE		5%	1/10W						
R1804		METAL GLAZE		5%	1/10W	R1874		METAL CHIP	27K	0.50%	1/10W
R1805		METAL GLAZE		5%	1/10W	R1875		METAL CHIP	56K	0.50%	1/10W
R1806	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1876		METAL GLAZE		5%	1/10W
R1807	1 216 075 00	MCTAL CLASE	1017	Ent	1 (1033)	R1877		METAL CHIP	15K	0.50%	1/10W
R1808		METAL GLAZE METAL GLAZE		5% 5%	1/10W	R1878	1-208-806-11	METAL CHIP	10 K	0.50%	1/10W
R1809		METAL GLAZE		5%	1/10W 1/10W	R1879	1 214 405 11	METAL CIUD	221/	0.500	1/10337
R1810		METAL GLAZE		5%	1/10W	R1880		METAL CHIP METAL CHIP	27K 470K	0.50% 0.50%	1/10W 1/10W
R1811		METAL GLAZE		5%	1/10W	R1881		CONDUCTOR, C		0.30%	1/10W
				570	171011	R1883		METAL CHIP	12K	0.50%	1/10W
R1812	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R1884		METAL CHIP	10K	0.50%	1/10W
R1813		METAL GLAZE		5%	1/10W	2000	1 200 000 11	METHE CHI	1016	0.5070	171011
R1814	1-216-699-11	METAL CHIP	100K	0.50%	1/10W	R1885	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1815	1-216-697-91	METAL CHIP	82K	0.50%	1/10W	R1886		METAL GLAZE		5%	1/10W
R1816	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R1887		METAL CHIP	10K	0.50%	1/10W
D						R1888		METAL CHIP	lK	0.50%	1/10W
R1817		METAL GLAZE		5%	1/10W	R1889	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R1818 R1819		METAL GLAZE		5%	1/10W	D 1000	1 01/ 10/ 00	METAL CLIC	1.53.5	F.Of	1/10***
R1819 R1820		METAL GLAZE METAL GLAZE		5%	1/10W	R1890		METAL GLAZE		5%	1/10W
R1821		METAL GLAZE		5% 5%	1/10W 1/10W	R1891 R1892		METAL CHIP METAL GLAZE	10K	0.50%	1/10W 1/10W
11021	1 210-077-71	METAL GLAZI	1001	3 10	1/10 W	R1893		METAL GLAZE		5% 5%	1/10W 1/10W
R1823	1-208-811-11	METAL CHIP	16K	0.50%	1/10W		1-249-389-91	CARRON	4.7		1/10W 1/4W F
R1824		METAL CHIP	27K	0.50%	1/10W	****		~		<i>34.8</i> 4	
R1825		METAL CHIP	27K	0.50%	1/10W	R1895	1-216-043-91	METAL GLAZE	560	5%	1/10W
R1826		METAL CHIP	27K	0.50%	1/10W		1-249-389-91	CARBON	4.7	5%	1/4W F
R1827	1-216-685-11	METAL CHIP	27K	0.50%	1/10W	R1897		METAL GLAZE		5%	1/10W
						R1898		METAL GLAZE		5%	1/10W
R1828		METAL CHIP	27K	0.50%	1/10W	R1899		METAL GLAZE		5%	1/10W
R1829		METAL CHIP	27K	0.50%	1/10W	74055					
R1830		METAL GLAZE		5%	1/10W	R1900		METAL GLAZE		5%	1/10W
R1831		METAL CHIP		5%	1/10W	R1901		METAL GLAZE		5%	1/10W
R1832	1-210-0//-11	METAL CHIP	12K	0.50%	1/10W	R1902		METAL GLAZE		5%	1/10W
R1833	1-216 040 01	METAL GLAZE	1 V	501	1/1037	R1903		METAL GLAZE		5%	1/10W
R1834		METAL GLAZE		5% 5%	1/10W 1/10W	R1904	1-210-023-91	METAL GLAZE	100	5%	1/10W
R1835		METAL GLAZE		5%	1/10W 1/10W	R1905	1-216-007-01	METAL GLAZE	1001/	5%	1/10W
R1836		METAL GLAZE		5%	1/10W	R1903			100K 15K		1/10W 1/10W
R1837		METAL CHIP	10K	0.50%	1/10W	R1907			22K		1/10W 1/10W
				0.5070		R1909		METAL GLAZE		5%	1/10W 1/10W
R1838	1-216-651-11	METAL CHIP	1K	0.50%	1/10W	R1910	1-216-685-11		27K		1/10W
R1839		METAL GLAZE		5%	1/10W		-				
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REF. NO.	PART NO.	DESCRIPTION		F	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R1911 R1912 R1913 R1914 R1915	1-216-685-11 1-216-685-11 1-216-685-11	METAL CHIP METAL CHIP METAL CHIP METAL CHIP METAL CHIP	27K 27K 27K 27K 27K 27K	0.50% 0.50% 0.50% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W 1/10W	C101 C103 C104	1-126-964-11 1-126-964-11 1-126-964-11	ELECT	10µF 10µF 10µF	20% 20% 20%	50V 50V 50V
R1916 R1917 R1918 R1919 R1920	1-208-806-11 1-216-651-11 1-208-822-11	METAL GLAZE METAL CHIP METAL CHIP METAL CHIP METAL CHIP	100 10K 1K 47K 1K	5% 0.50% 0.50% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W 1/10W	CN101 CN102	* 1-564-521-11	<connector> PLUG, CONNEC PLUG, CONNEC</connector>	TOR 6P	2070	501
R1923 R1925 R1926 R1927 R1928	1-216-031-00 1-208-806-11 1-216-125-00	METAL CHIP METAL GLAZE METAL CHIP METAL GLAZE METAL CHIP	10K	0.50% 5% 0.50% 5% 0.50%	1/10W 1/10W 1/10W 1/10W 1/10W	CN103		PLUG, CONNEC			
R1931 R1935 R1937 R1938	1-216-698-11 1-218-766-11 1-208-806-11	METAL CHIP METAL CHIP METAL CHIP METAL CHIP	91K 390K 10K 15K	0.50% 0.50% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W	D102 D103		DIODE TLR124 DIODE TLR124 <ic></ic>			
R1940		METAL CHIP	18K	0.50%	1/10W	10101	0 741 010 00	ELEMENT,RAY	CATCUE	CRVI	Q10.00
R1941 R1942 R1943 R1944	1-208-806-11 1-216-699-11	METAL CHIP METAL CHIP METAL CHIP METAL CHIP	10K 10K 100K 10K	0.50% 0.50% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W	IC101		<resistor></resistor>	-CATCHE		
R1947 R1948 R1949 R1950	1-216-073-00 1-216-093-00 1-216-659-11	METAL GLAZE METAL GLAZE METAL CHIP METAL CHIP		5% 5% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W	R101 R102 R104 R105 R106	1-247-807-31 1-247-807-31 1-247-815-91 1-249-416-11 1-249-417-11	CARBON CARBON CARBON	100 100 220 820 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
R1951 R1952	1-208-806-11 1-208-806-11	METAL CHIP METAL CHIP METAL CHIP	10K 10K 10K	0.50% 0.50% 0.50%	1/10W 1/10W 1/10W	R107 R108 R112	1-249-420-11 1-249-425-11 1-247-815-91	CARBON CARBON	1.8K 4.7K 220	5% 5% 5%	1/4W 1/4W 1/4W
R1954 R1955 R1956 R1957 R1958	1-208-806-11 1-208-800-11 1-208-824-11	METAL CHIP METAL CHIP METAL CHIP METAL CHIP	10K 5.6K 56K 5.6K	0.50% 0.50% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W	R114	1-249-414-11		560	5%	1/4W
R1959 R1960 R1961 R1962 R1963	1-208-806-11 1-208-806-11 1-216-077-00	METAL CHIP METAL CHIP METAL CHIP METAL GLAZE METAL GLAZE		0.50% 0.50% 0.50% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	\$101 \$102 \$103 \$104 \$105	1-572-198-11 1-572-198-11 1-572-198-11	SWITCH, KEYE SWITCH, KEYE SWITCH, KEYE SWITCH, KEYE SWITCH, KEYE	OARD OARD OARD		
R1964 R1965 R1966	1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 10K	5% 5% 5%	1/10W 1/10W 1/10W	S106	1-572-198-11	SWITCH, KEYE	SOARD		
R1967 R1970) METAL GLAZE METAL CHIP	8.2K 470	5% 0.50%	1/10W 1/10W	******	******	*****	******	*****	******
R1971 R1981 R1982 R1983 R1984	1-216-473-11 1-216-473-11 1-216-077-00	METAL CHIP METAL OXIDE METAL OXIDE METAL GLAZE METAL GLAZE	56 15K	0.50% 5% 5% 5% 5%	1/10W 3W F 3W F 1/10W 1/10W		* A-1372-141-A	A HB BOARD, C			
				EOI	1/1037			<capacitor></capacitor>			
R1985 TH1501		<pre></pre>		5%	1/10W	C105 C106 C107 C108 C109	1-164-096-11 1-126-965-11 1-124-903-11 1-124-903-11 1-126-965-11	ELECT ELECT ELECT	0.01µF 22µF 1µF 1µF 22µF	20% 20% 20% 20%	50V 50V 50V 50V 50V
TH1801	1-808-269-1	THERMISTOR						<connector< td=""><td>></td><td></td><td></td></connector<>	>		
		<crystal></crystal>									
X1701	1-579-917-1	VIBRATOR, CR	YSTAL			CN104 CN105		PLUG, CONNE			
								<diode></diode>			
******		**************************************	COMPLETE	3	******	D105 D106 D107 D108	8-719-121-24 8-719-121-24	DIODE RD9.1E DIODE RD9.1E DIODE RD9.1E	SL SL		
	4-033-777-01 HC		1 HOLDER, LED					1-24 DIODE RD9.1ESL 1-24 DIODE RD9.1ESL			





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REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
D110	8-719-121-24	DIODE RD9.1ES	SL			C1048 C1049	1-124-903-11 1-126-965-11		1μF 22μF	20% 20%	50V 50V
		<jack></jack>				C1050		CERAMIC CHIP		10%	25V
J101	1-764-073-11	TERMINAL BLO	OCK, S 4P			C1051 C1052	1-126-965-11 1-104-665-11		22μF 100μF	20% 20%	50V 25V
			,			C1053	1-126-934-11	ELECT	220µF	20%	16V
		<resistor></resistor>				C1054	1-126-933-11	ELECT	100μ F	20%	16V
R115	1-249-417-11	CARBON	1K	5%	1/4W			<filter block<="" td=""><td>(></td><td></td><td></td></filter>	(>		
R116	1-247-804-11	CARBON	75	5%	1/4W						
R117 R118	1-247-804-11 1-247-804-11		75 75	5% 5%	1/4W 1/4W	CM1001	1-466-912-21	FILTER BLOCK,	СОМВ		
R119	1-247-895-91	CARBON	470K	5%	1/4W			<connector></connector>			
R120	1-247-895-91		470K	5%	1/4W	a					
R121 R122	1-249-417-11 1-249-417-11		1K 1K	5% 5%	1/4W 1/4W			PLUG, CONNEC PLUG, CONNEC			
R123	1-249-432-11	CARBON	18K	5%	1/4 W	CN1003	* 1-564-513-11	PLUG, CONNEC PLUG, CONNEC	TOR 10P		
								PLUG, CONNEC			
		<switch></switch>				CN1006	* 1-566-641-11	CONNECTOR, H	INGE (TA)	B) 18P	
S107	1-572-198-11	SWITCH, KEYB	OARD			CN1007	* 1-566-641-11	CONNECTOR, H	INGE (TAI	B) 18P	
						CN1008	1-093-913-11	TAB (CONTACT)		
******	******	*****	******	*****	******			<diode></diode>			
;	* A-1373-526- <i>A</i>	U BOARD, CO	MPLETE			D1001	8-719-106-62	DIODE RD11M-F	22		
	1313-320-F	*********				D1002	8-719-106-62	DIODE RD11M-I	32		
						D1003 D1004		DIODE RD11M-I			
		-CADACITOD				D1005		DIODE RD11M-I			
		<capacitor></capacitor>			1	D1006	8-719-106-62	DIODE RD11M-F	32		
C1001 C1002	1-164-004-11	CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF	10% 10%	25V 25V	D1007 D1008		DIODE RD11M-E			
C1003	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V	D1009	8-719-106-62	DIODE RD11M-I	32		
C1004 C1005	1-164-004-11	CERAMIC CHIP ELECT	0.1μF 1μF	10% 20%	25V 50V	D1010	8-719-106-62	DIODE RD11M-F	32		
C1006	1-124-903-11	FIFCT	iμF	20%	50V	D1011 D1012		DIODE RD11M-E			
C1007	1-126-965-11	ELECT	22μF	20%	50V	D1013	8-719-106-62	DIODE RD11M-E	32		
C1008 C1009	1-126-965-11 1-124-903-11		22µF 1μF	20% 20%	50V 50V	D1014 D1016		DIODE RD11M-E			
C1010	1-124-903-11	ELECT	lμF	20%	50V	D1017		DIODE RD11M-E			
C1011	1-126-965-11		22μ F	20%	50V	D1018	8-719-106-62	DIODE RD11M-E	32		
C1012 C1013	1-126-965-11 1-124-903-11		22μF 1μF	20% 20%	50V 50V	D1019 D1020		DIODE RD11M-E DIODE RD11M-E			
C1014	1-124-903-11	ELECT	1μF	20%	50V	D1021		DIODE RD11M-E			
C1015	1-126-965-11		22μF	20%	50V	D1022	8-719-106-62	DIODE RD11M-E	32		
C1016 C1017	1-126-965-11 1-124-903-11		22μF 1μF	20% 20%	50V 50V	D1023 D1024		DIODE RD11M-E			
C1018	1-124-903-11	ELECT	1juF	20%	50V	D1025	8-719-106-62	DIODE RD11M-E			
C1019 C1020	1-126-965-11 1-126-965-11		22μF 22μF	20% 20%	50V 50V	D1026	8-719-400-75	DIODE MA3091			
C1021	1-126-965-11		22μ F	20%	50V	D1027 D1028		DIODE MA3091 DIODE MA3091			
C1022	1-126-964-11	ELECT	10μF	20%	50V	D1029		DIODE MA3091			
C1023 C1024	1-126-964-11 1-124-903-11		10μF 1μF	20% 20%	50V 50V	D1030 D1031		DIODE MA3091 DIODE MA3091			
C1025	1-124-903-11		ĺμF	20%	50V						
C1026	1-126-964-11	ELECT	10μ F	20%	50V	D1032 D1033		DIODE RD11M-E DIODE RD11M-E			
C1027 C1028	1-126-964-11 1-126-935-11		10μF 470μF	20% 20%	50V 16V	D1037 D1038		DIODE MA3220N DIODE MA3220N			
C1030	1-124-903-11	ELECT	1μF	20%	50V	D1038		DIODE MA3220N			
C1031	1-124-903-11	ELECT	lμF	20%	50V	D1040	8-719-402-92	DIODE MA3220N	1 -TX		
C1033 C1034	1-104-664-11	ELECT CERAMIC CHIP	47μF	20%	25V	D1041 D1042	8-719-402-92	DIODE MA3220N	1-TX		
C1035	1-126-935-11	ELECT	470μF	10% 20%	25V 16V	D1043	8-719-106-62	DIODE MA3220N DIODE RD11M-E	32		
C1036 C1043	1-124-903-11 1-104-665-11		1µF 100µF	20% 20%	50V 25V	D1044	8-719-106-62	DIODE RD11M-B	32		
C1044			•			D1045		DIODE MA3220N			
C1046	1-124-903-11		lμĖ	10% 20%	25V 50V	D1046 D1047	8-719-400-75	DIODE MA3220N DIODE MA3091	1-1 X		
C1047	1-126-967-11	ELECT	47μF	20%	50V	D1048	8-719-400-75	DIODE MA3091			



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REF. NO	O. PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
D1049	8-719-400-75	DIODE MA3091		R1027 R1028		METAL GLAZE 47K METAL GLAZE 1K	5% 5%	1/10W 1/10W
D1050		DIODE MA3091		R1029	1-216-049-91	METAL GLAZE 1K	5% 5%	1/10W 1/10W
D1051 D1052		DIODE MA3091 DIODE MA3091		R1030 R1031) METAL GLAZE 4.7K) METAL GLAZE 4.7K	5%	1/10W
				R1032	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W
		<ic></ic>	•	R1033 R1034	1-216-089-91	METAL GLAZE 47K METAL GLAZE 4.7K	5% 5%	1/10W 1/10W
IC100	1 8-752-066-69	IC CXA1845Q		R1035 R1036	1-216-065-00	METAL GLAZE 4.7K METAL GLAZE 47K	5% 5%	1/10W 1/10W
							5%	1/10W
		<jack></jack>		R1037 R1038	1-216-041-00	METAL GLAZE 4.7K METAL GLAZE 470	5%	1/10W
J1001 J1002		BLOCK, (S) TERMINAL BLOCK, (S) TERMINAL		R1039 R1040	1-216-041-00) METAL GLAZE 470) METAL GLAZE 470	5% 5%	1/10W 1/10W
J1003 J1004	1-573-969-11	JACK BLOCK, PIN JACK BLOCK, PIN		R1041	1-216-041-00) METAL GLAZE 470	5%	1/10 W
J1005		JACK BLOCK, PIN		R1042 R1043	1-216-041-00) METAL GLAZE 470) METAL GLAZE 470	5% 5%	1/10W 1/10W
J1007	1-563-760-11	JACK, MINIATUER (DIA. 3.	5)	R1044 R1045	1-216-022-0	METAL GLAZE 75 METAL GLAZE 470K	5% 5%	1/10 W 1/10 W
J1008	1-563-760-11	JACK, MINIATUER (DIA. 3.	3)	R1045		METAL GLAZE 470K	5%	1/10W
		<transistor></transistor>		R1047	1-216-113-0	METAL GLAZE 470K	5%	1/10W
Q1001	8-729-422-27	TRANSISTOR 2SD601A-Q		R1048 R1049	1-216-113-0	METAL GLAZE 470K METAL GLAZE 470K	5% 5%	1/10W 1/10W
Q1002	8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R1050 R1051	1-216-113-0	METAL GLAZE 470K METAL GLAZE 470K	5% 5%	1/10W 1/10W
Q1003 Q1004	8-729-422-27	TRANSISTOR 2SD601A-Q		R1052	·	0 METAL GLAZE 82K	5%	1/10W
Q1005		TRANSISTOR 2SD601A-Q		R1053	1-216-095-0	0 METAL GLAZE 82K	5%	1/10W 1/10W
Q1006 Q1007		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD1623-S		R1054 R1055	1-216-025-9	0 METAL GLAZE 82K 1 METAL GLAZE 100	5% 5%	1/10W
Q1008 Q1009	8 -729-422-27 8 -729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R1056	1-216-067-0	0 METAL GLAZE 5.6K	5%	1/10W
Q1010		TRANSISTOR 2SD601A-Q		R1057 R1058		1 METAL GLAZE 100 1 METAL GLAZE 100	5% 5%	1/10W 1/10W
Q1011		TRANSISTOR 2SD601A-Q		R1059 R1060	1-216-025-9	1 METAL GLAZE 100 0 METAL GLAZE 5.6K	5% 5%	1/10W 1/10W
Q1012 Q1013	8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R1061		1 METAL GLAZE 100	5%	1/10W
Q1014 Q1015		7 TRANSISTOR 2SD601A-Q 7 TRANSISTOR 2SD601A-Q		R1062	1-216-067-0	0 METAL GLAZE 5.6K	5% 5%	1/10W 1/10W
Q1016	6 8-729-422-27	7 TRANSISTOR 2SD601A-Q		R1063 R1064	1-216-025-9	1 METAL GLAZE 100 1 METAL GLAZE 100	5%	1/10 W
Q1011 Q1031	7 8-729-422-27	7 TRANSISTOR 2SD601A-Q 7 TRANSISTOR 2SD601A-Q		R1065 R1066		0 METAL GLAZE 5.6K 1 METAL GLAZE 100	5% 5%	1/10W 1/10W
Q1034		7 TRANSISTOR 2SD601A-Q		R1067	1-216-025-9	1 METAL GLAZE 100	5%	1/10W
		<resistor></resistor>		R1068 R1069		1 METAL GLAZE 100 1 METAL GLAZE 100	5% 5%	1/10W 1/10W
D.100			5% 1/10W	R1070 R1071	1-216-067-0	0 METAL GLAZE 5.6K 1 METAL GLAZE 100	5% 5%	1/10W 1/10W
R100 R100	2 1-216-105-91	METAL GLAZE 220K METAL GLAZE 220K	5% 1/10W				5%	1/10W
R1003 R1004) METAL GLAZE 75) METAL GLAZE 75	5% 1/10W 5% 1/10W	R1072 R1073	1-216-025-9	0 METAL GLAZE 5.6K 1 METAL GLAZE 100	5%	1/10W
R100	5 1-216-022-0	METAL GLAZE 75	5% 1/10W	R1074 R1075	1-216-067-0	0 METAL GLAZE 82K 0 METAL GLAZE 5.6K	5% 5%	1/10W 1/10W
R100 R100		1 METAL GLAZE 220K 1 METAL GLAZE 220K	5% 1/10W 5% 1/10W	R1076	1-216-067-0	0 METAL GLAZE 5.6K	5%	1/10W
R100 R100	8 1-216-022-0	0 METAL GLAZE 75 0 METAL GLAZE 75	5% 1/10W 5% 1/10W	R1077 R1078		1 METAL GLAZE 100 1 METAL GLAZE 100	5% 5%	1/10W 1/10W
R101		0 METAL GLAZE 75	5% 1/10W	R1079 R1080	1-216-067-0	00 METAL GLAZE 5.6K 00 METAL GLAZE 5.6K	5% 5%	1/10W 1/10W
R101	1 1-216-105-9	1 METAL GLAZE 220K	5% 1/10W	R1080		1 METAL GLAZE 100	5%	1/10W
R101: R101		1 METAL GLAZE 220K 0 METAL GLAZE 75	5% 1/10W 5% 1/10W	R1082		0 METAL GLAZE 5.6K	5%	1/10W 1/10W
R101 R101		0 METAL GLAZE 75 0 METAL GLAZE 75	5% 1/10W 5% 1/10W	R1083 R1084	1-216-025-9	METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W
R101		1 METAL GLAZE 220K	5% 1/10W	R1085 R1086		METAL GLAZE 100 METAL GLAZE 5.6K	5% 5%	1/10W 1/10W
R101 R101	7 1-216-105-9	1 METAL GLAZE 220K 0 METAL GLAZE 75	5% 1/10W 5% 1/10W	R1087	1-216-067-0	0 METAL GLAZE 5.6K	5%	1/10W
R101	9 1-216-022-0	0 METAL GLAZE 75	5% 1/10W 5% 1/10W	R1088 R1089	1-216-025-9	METAL GLAZE 100 METAL GLAZE 5.6K	5% 5%	1/10W 1/10W
R102		0 METAL GLAZE 75		R1090	1-216-025-9	1 METAL GLAZE 100 1 METAL GLAZE 100	5% 5%	1/10W 1/10W
R102 R102	2 1-216-089-9	1 METAL GLAZE 47K 1 METAL GLAZE 47K	5% 1/10W 5% 1/10W	R1091				1/10W
R102 R102		1 METAL GLAZE 47K 1 METAL GLAZE 1K	5% 1/10W 5% 1/10W	R1093 R1094	1-216-025-9	1 METAL GLAZE 100 1 METAL GLAZE 100	5% 5%	1/10W
R102		1 METAL GLAZE 1K	5% 1/10W	R1095 R1096	1-216-095-0 1-216-025-9	00 METAL GLAZE 82K 01 METAL GLAZE 100	5% 5%	1/10W 1/10W
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REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION]	REMARK
R1097	1-216-025-91	METAL GLAZE 100	5%	1/10W	C201 C202	1-126-964-11 1-126-964-11		10μF	20% 20%	50V 50V
R1100		METAL GLAZE 100	5%	1/10W	C203	1-126-964-11	ELECT	10μF 10μF	20%	50V
R1101 R1103	1-216-295-91	CONDUCTOR, CHIP CONDUCTOR, CHIP			C204 C205	1-104-664-11 1-104-664-11		47μF 47μF	20% 20%	25V 25V
R1104 R1106		METAL GLAZE 68K METAL GLAZE 100	5% 5%	1/10W 1/10W	C208	1-124-903-11	ELECT	lμF	20%	50V
R1107	1-216-025-91	METAL GLAZE 100	5%	1/10W	C209 C210	1-124-903-11 1-104-665-11		1μF 100μF	20% 20%	50V 25V
R1108 R1109	1-216-025-91	METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W 1/10W	C211 C212	1-137-399-11 1-137-399-11	FILM	0.1μ̈F	5%	50V
R1110	1-216-025-91	METAL GLAZE 100	5%	1/10 W				0.1μF	5%	50V
R1111		METAL GLAZE 100	5%	1/10 W	C213 C214	1-126-944-11 1-126-944-11		3300μF 3300μF	20% 20%	25V 25V
R1112 R1115		METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10W 1/10W	C216 C217	1-137-399-11 1-137-399-11		0.1μF 0.1μF	5% 5%	50V 50V
R1116 R1117		METAL GLAZE 100	5% 5%	1/10W 1/4W F	C219	1-104-665-11		100μF	20%	25V
R1118		METAL GLAZE 47	5%	1/10W	C220	1-123-549-00	ELECT	6.8µF	20%	50V
R1119		METAL GLAZE 1K	5%	1/10W	C221	1-123-549-00	ELECT	6.8µF	20%	-61XBR48) 50V
R1120 R1121		METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10W 1/10W	C224	1-124-903-11	ELECT	1μ F	(KP 20%	-61XBR48) 50V
R1122 R1123		METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10W 1/10W	C225 C226	1-124-903-11 1-126-964-11	ELECT	lμF	20% 20%	50V 50V
								10μF		
R1124 R1125		METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10W 1/10W	C227 C228	1-126-964-11 1-124-903-11		10µF 1µF	20% 20%	50V 50V
R1126 R1127		METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10W 1/10W	C230 C231	1-124-903-11 1-137-399-11		1μF 0.1μF	20% 5%	50V 50V
R1128		METAL GLAZE 100	5%	1/10W	C232	1-137-399-11		0.1μF	5%	50V
R1129		METAL GLAZE 47	5%	1/10W	C233	1-126-964-11		10μ F	20%	50V
R1130 R1131		METAL GLAZE 1K METAL GLAZE 47	5% 5%	1/10W 1/10W	C234 C235	1-126-964-11 1-124-903-11		10µF 1µF	20% 20%	50V 50V
R1132 R1133		METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10W 1/10W	C236 C237	1-124-903-11 1-137-399-11		1μF 0.1μF	20% 5%	50V 50V
R1134		METAL GLAZE 100	5%	1/10W	C238	1-137-399-11		0.1μF	5%	50V
R1135	1-216-041-00	METAL GLAZE 470	5%	1/10W	C239	1-137-399-11	FILM	0.1μF	5%	50V
R1136 R1137	1-216-025-91	METAL GLAZE 47 METAL GLAZE 100	5% 5%	1/10W 1/10W	C240 C241	1-137-399-11 1-137-399-11		0.1μF 0.1μF	5% 5%	50V 50V
R1138	1-216-049-91	METAL GLAZE 1K	5%	1/10W						
R1139 R1140		METAL GLAZE 100 CONDUCTOR, CHIP	5%	1/10W			<connector></connector>	•		
R1141 R1142	1-216-025-91	METAL GLAZE 100 METAL GLAZE 1K	5% 5%	1/10 W 1/10 W	CN201 CN202		PLUG, CONNEC			
R1171	1-249-405-11		5%	1/4W F	CN204	* 1-573-986-11	PLUG, CONNECTO	OR (PC BO		
R1172	1-249-405-11		5%	1/4W F	CN205 CN206		PIN, CONNECTO PIN, CONNECTO			
R1175 R1176		METAL GLAZE 560 METAL GLAZE 680	5% 5%	1/10W 1/10W	CN207	* 1-564-507-11	PLUG, CONNEC	TOR 4P	,	
R1177 R1178	1-216-051-00	METAL GLAZE 1.2K METAL GLAZE 1.2K	5% 5%	1/10W 1/10W		100,00,11	1200,001			
							<diode></diode>			
R1179 R1180	1-216-045-00	METAL GLAZE 560 METAL GLAZE 680	5% 5%	1/10W 1/10W	D201		DIODE 1SS133T			
R1181	1-216-049-91	METAL GLAZE 1K	5%	1/10W	D202 D203		DIODE 1SS133T DIODE 1SS133T			
		<terminal board=""></terminal>			D204 D205		DIODE 1SS133T DIODE RD22ESI			
TB1001	1-537-712-11	TERMINAL, PUSH			D206		DIODE RD22ESI			
TB1002	1-537-712-11	TERMINAL, PUSH			D207	8-719-110-56	DIODE RD22ESI	B 1		
TB1003	1-53/-/12-11	TERMINAL, PUSH			D208	8-719-110-56	DIODE RD22ESI	81		
						•	<ic></ic>			
******	*****	**********	*****	******	IC201	8-759-190-89	IC TDA7265			
*	* A-1380-499-A	K BOARD, COMPLETE	(KP-53)	KBR45)	IC202 IC203	8-759-072-99 8-759-190-89	IC TDA2052			
8	¢ Δ_13ΩΩ ΛΩΘ Α	K BOARD, COMPLETE	(KD 413	ABD48/	10203	0-737-170-07	IC IDAIZUJ			
	W-1200-420-W	***************	(MI -017	YDK40)			<transistor></transistor>	•		
	4-382-854-11	SCREW (M3X10), P, SW (-	+)		Q201		TRANSISTOR 25			
					Q202 Q203		TRANSISTOR 25 TRANSISTOR 25			
		<capacitor></capacitor>			Q204 Q205	8-729-119-78	TRANSISTOR 25	SC2785-HF	E	
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REF. NO.	PART NO.	DESCRIPTION		REMARK		REF. NO.	PART NO.	DESCRIPTION		1	REMARK	<u>.</u>
Q206 Q207 Q208 Q209	8-729-119-78 8-729-119-78	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C2785-HFE C2785-HFE			C1403 C1404	1-102-978-00 1-107-638-11	ELECT	220PF 33μF 100μF	5% 20% 20%	50V 160V 25V	
		<resistor></resistor>		•		C1405 C1406 C1407	1-104-665-11 1-107-370-11 1-104-665-11	FILM	0.1μF 100μF	10% 20%	200V 25V	
R201 R202 R203 R204 R205	1-249-413-11 1-249-432-11 1-249-429-11 1-249-414-11 1-249-432-11	CARBON CARBON CARBON	470 5% 18K 5% 10K 5% 560 5% 18K 5%	1/4W 1/4W 1/4W 1/4W 1/4W		C1408 C1409 C1410 C1411 C1412	1-107-362-11 1-107-667-11 1-107-362-11 1-137-364-11 1-137-364-11	ELECT FILM FILM	0.0047μF 2.2μF 0.0047μF 0.001μF 0.001μF	10% 20% 10% 5% 5%	200V 160V 200V 50V 50V	
R206 R207 R208 R209 R210	1-249-441-11 1-249-429-11 1-249-414-11 1-249-432-11 1-249-413-11	CARBON CARBON CARBON	100K 5% 10K 5% 560 5% 18K 5% 470 5%	1/4W 1/4W 1/4W 1/4W 1/4W		C1413 C1414 C1415 C1416	1-161-830-00 1-126-940-11 1-164-046-11 1-102-973-00	ELECT CERAMIC	0.0047μF 330μF 10PF 100PF	20% 0.5PF 5%	500V 16V 50V 50V	
R212 R213 R214 R215 R217	1-249-432-11 1-249-435-11 1-249-431-11 1-249-429-11 1-249-434-11	CARBON CARBON CARBON CARBON	18K 5% 33K 5% 15K 5% 10K 5% 27K 5%	1/4W 1/4W 1/4W 1/4W 1/4W		CN1412 CN1413	* 1-564-507-11 * 1-564-506-11	CONNECTOR> PIN, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR	OR (PC BO TOR 4P TOR 3P	ARD) 4	P	
R219 R223 R225 R226 R228	1-249-434-11 1-249-430-11 1-247-807-31 1-216-357-00 1-249-417-11	CARBON CARBON METAL OXIDE	27K 5% 12K 5% 100 5% 4.7 5% 1K 5%	1/4W 1/4W 1/4W 1W 1/4W	F		* 1-564-510-11	PLUG, CONNEC	TOR 7P			
R229 R231 R233 R235 R236	1-249-437-11 1-249-417-11 1-216-357-00 1-249-429-11 1-249-429-11	CARBON METAL OXIDE CARBON	47K 5% 1K 5% 4.7 5% 10K 5% 10K 5%	1/4W 1/4W 1W 1/4W 1/4W	F	D1401 D1402		<diode> DIODE RD39ES DIODE RD39ES</diode>				
R240 R241 R242 R244 R245	1-249-434-11 1-249-429-11 1-249-429-11 1-249-425-11 1-249-436-11	CARBON CARBON CARBON	27K 5% 10K 5% 10K 5% 4.7K 5% 39K 5%	1/4W 1/4W		Q1401 Q1402 Q1403	8-729-017-05	<transistor:< p=""> TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2</transistor:<>	SC4793 SA1837			
R246 R247 R248 R249 R250	1-249-436-11 1-247-791-91 1-247-863-91 1-249-412-11 1-249-434-11	CARBON CARBON CARBON CARBON	39K 5% 22 5% 22K 5% 390 5% 27K 5%	1/4W 1/4W 1/4W 1/4W		R1401 R1402 R1405 R1406		CARBON CARBON METAL OXIDE	560 560 1K 560	5% 5% 5%	1/4W 1/4W 1/4W 3W	F
R252 R253 R254 R255	1-249-426-11 1-247-791-91 1-249-429-11 1-249-434-11	I CARBON I CARBON I CARBON	5.6K 5% 22 5% 10K 5% 27K 5% 390 5%	1/4W 1/4W 1/4W		R1407 R1408 R1409 R1410 R1411	1-249-400-11 1-249-384-11 1-249-384-11 1-247-734-11 1-249-417-11	CARBON CARBON CARBON	1.8 1.8 39 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/2W 1/4W	F F
R257 R258 R259 R260	1-249-441-1 1-249-429-1 1-249-412-1 1-247-791-9	I CARBON I CARBON I CARBON I CARBON	100K 5% 10K 5% 390 5% 22 5% 27K 5%	1/4W 1/4W 1/4W		R1412 R1413 R1414 R1415 R1416	1-249-414-11 1-249-432-11 1-249-432-11 1-249-414-11	CARBON CARBON	560 18K 18K 560	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 2W	F F
R261 R262 R263 R264 R265	1-249-434-1 1-249-431-1 1-249-435-1 1-249-429-1 1-249-434-1	I CARBON I CARBON I CARBON I CARBON	15K 5% 33K 5% 10K 5% 27K 5%	1/4W 1/4W 1/4W 1/4W		R1417 R1418 R1419 R1420	1-216-475-1 1-249-377-1 1-247-815-9 1-216-475-1	METAL OXIDE CARBON CARBON METAL OXIDE	0.47 220 120	5% 5% 5% 5%	3W 1/4W 1/4W 3W 1/4W	F
R266 R267 R268 R269	1-216-357-0	1 CARBON 0 METAL OXIDE 0 METAL OXIDE 0 METAL OXIDE	4.7 5%	1W	F F	R1421	1-249-417-1	**********	1K ******	5% ******		***

4-382-854-11 SCREW (M3X10), P, SW (+)

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REF. NO.	PART NO.	DESCRIPTION]	REMARK	.	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<connector></connector>	OR (PC BO	5% (ARD) 41	50V P		C5027 C5028 C5029 C5031 C5032	1-164-004-11		0.1μF	10% 10% 10% 20% 20%	25V 25V 25V 16V 50V
CN1443	* 1-564-506-11	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC <resistor></resistor>	CTOR 3P				C5033 C5034 C5035 C5036 C5037	1-164-004-11 1-164-004-11 1-126-967-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT CERAMIC CHIP	0.1μF 0.1μF 47μF	10% 10% 10% 20%	25V 25V 25V 16V 25V
R1431 R1432 R1435 R1436 R1437		CARBON METAL OXIDE METAL OXIDE		5% 5% 5% 5% 5%	1/4W 1/4W 3W 3W 1/4W	F	C5038 C5039 C5040 C5041 C5042	1-164-004-11 1-164-004-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1µF 0.1µF 0.1µF	10% 10% 10% 10%	25V 25V 25V 25V 25V
******		**************************************	OMPLETE		*****	**	C5045 C5046 C5047 C5048 C5049	1-164-004-11 1-124-925-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP	0.1μF 2.2μF 0.1μF	10% 10% 20% 10% 10%	25V 25V 50V 25V 25V
CN1471	* 1-580-689-11	<connector></connector>		ARD) 41	o		C5051 C5052 C5053 C5054 C5055	1-163-097-00 1-164-004-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	15PF 0.1μF 0.1μF	10% 5% 10% 10% 10%	25V 50V 25V 25V 25V
CN1472	* 1-564-507-11	PLUG, CONNEC PLUG, CONNEC <resistor></resistor>	CTOR 4P	ARD) 41			C5056 C5057 C5058 C5059 C5060	1-163-017-00 1-164-004-11 1-163-251-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.0047µF 0.1µF 100PF	10% 10% 10% 5% 10%	25V 50V 25V 50V 25V
R1461 R1462 R1465 R1466				5% 5% 5% 5%	1/4W 1/4W 3W 3W	F F	C5061 C5062 C5063 C5064 C5065	1-124-925-11 1-163-017-00 1-163-251-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	2.2μF 0.0047μF 100PF	10% 20% 10% 5% 5%	10V 50V 50V 50V 50V
*****		**************************************	MPLETE	****	*****	**	C5066 C5067 C5068 C5069 C5070	1-124-903-11 1-164-004-11 1-164-004-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	1µF 0.1µF 0.1µF	10% 20% 10% 10% 10%	25V 50V 25V 25V 25V
C5001 C5002	1-163-097-00 1-126-964-11	<capacitor> CERAMIC CHIP ELECT</capacitor>	15PF 10μF	5% 20%	50V 50V		C5071 C5072 C5073 C5074 C5075	1-164-004-11 1-164-004-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1µF 0.1µF 0.1µF	10% 10% 10% 10% 10%	25V 25V 25V 25V 25V
C5003 C5004 C5005			•	20% 20% 10%	16V 16V 25V		C5076 C5077 C5078 C5079 C5081	1-164-004-11 1-164-004-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1µF 0.1µF 0.1µF	10% 10% 10% 10%	25V 25V 25V 25V 25V
C5007 C5008 C5009 C5010	1-126-967-11 1-164-004-11 1-126-964-11 1-126-933-11	ELECT CERAMIC CHIP ELECT ELECT	47μF 0.1μF 10μF 100μF	20% 10% 20% 20%	16V 25V 50V 16V	1	C5083 C5084 C5085 C5087	1-164-004-11 1-126-933-11	CERAMIC CHIP	0.1μF 100μF	10% 10% 20% 10% 20%	25V 16V 25V 16V
C5011 C5012 C5013 C5014 C5015	1-126-967-11 1-164-004-11 1-109-982-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	47µF 0.1µF 1µF	10% 20% 10% 10% 10%	50V 16V 25V 10V 50V		C5089 C5090 C5091 C5093	1-164-005-11 1-126-967-11	CERAMIC CHIP CERAMIC CHIP ELECT	0.47μF 47μF	20% 10% 20%	16V 25V 25V 16V
C5016 C5017 C5018 C5019 C5020	1-164-004-11 1-126-967-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP	0.1μF 47μF 0.1μF	10% 10% 20% 10% 10%	50V 25V 16V 25V 25V	1	C5099 C5100 C5101 C5102 C5104	1-126-967-11	ELECT CERAMIC CHIP	47μF	20% 20% 10% 20% 10%	50V 16V 25V 16V 25V
C5021 C5022 C5023 C5024 C5025	1-126-964-11 1-126-933-11 1-124-903-11 1-126-964-11	ELECT ELECT ELECT	10µF 100µF 1µF 10µF	20% 20% 20% 20% 10%	50V 16V 50V 50V 25V		C5105 C5106 C5107 C5108 C5115	1-164-004-11 1-126-964-11 1-126-964-11	CERAMIC CHIP ELECT ELECT CERAMIC CHIP	0.1μF 10μF 10μF	10% 20% 20% 10% 20%	25V 50V 50V 25V 16V
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REF. NO.	PART NO.	DESCRIPTION		R	EMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C5116 C5118		CERAMIC CHIP CERAMIC CHIP			25V 25V	C6271 C6274 C6275	1-163-251-11	CERAMIC CHIP 100PF	5% 50V 5% 50V 5% 50V
C5119 C5120 C5121 C5122 C5125	1-164-004-11 1-164-004-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT	0.1μF 0.1μF 470PF	10% 10% 10% 5% 20%	25V 25V 25V 50V 50V	C6352			10% 25V
C5135 C5136 C5140 C5141	1-164-004-11 1-164-004-11 1-126-933-11 1-126-964-11	CERAMIC CHIP CERAMIC CHIP ELECT ELECT	0.1μF 0.1μF 100μF 10μF	10% 10% 20% 20%	25V 25V 16V 50V	CN5002	* 1-774-190-11	PLUG, CONNECTOR 6P CONNECTOR, BOARD TO B PLUG, CONNECTOR 4P	SOARD
C5143		CERAMIC CHIP		5%	50V			<diode></diode>	
C5144 C5145 C5146 C5147 C5170	1-126-964-11	CERAMIC CHIP ELECT	10μF	5% 20% 20% 20%	50V 50V 25V 16V 50V	D5001 D5002 D5004 D5005 D5009	8-719-106-08 8-719-404-46 8-719-404-46	DIODE RD6.2M-B2 DIODE RD6.2M-B2 DIODE MA110 DIODE MA110 DIODE MA110	
C6202 C6204 C6205 C6206 C6207	1-124-903-11 1-126-964-11 1-124-903-11 1-126-964-11 1-124-903-11	ELECT ELECT ELECT	1μF 10μF 1μF 10μF 1μF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V	D5010 D5011 D5012 D5013 D5208	8-719-404-46 8-719-404-46 8-719-404-46	DIODE MA110 DIODE MA110 DIODE MA110 DIODE MA110 DIODE RD2.0MB	
C6209	1-124-903-11		lμF	20%	50V	D6263	8-719-404-46	DIODE MA110	
C6210 C6211 C6212 C6214	1-124-903-11 1-126-964-11 1-124-903-11	ELECT	1μF 10μF 1μF 0.047μE	20% 20% 20%	50V 50V 50V 50V			<ferrite bead=""></ferrite>	
C6214	1-103-033-00		0.047μι· 1μF	20%	50V	FB5001	1-412-911-11	INDUCTOR, FERRITE BEAL)
C6216 C6218 C6219	1-124-903-11	ELECT CERAMIC CHIP	1μF	20% 20%	50V 50V 50V			<filter></filter>	
C6220	1-163-035-00	CERAMIC CHIP	0.047μF		50V	FL5001 FL5002	1-236-164-11	ENCAPSULATED COMPON ENCAPSULATED COMPON	ENT
C6221 C6222 C6223		ELECT CERAMIC CHIP		20% 20%	50V 50V 50V	FL5003 FL5004		ENCAPSULATED COMPON ENCAPSULATED COMPON	
C6224 C6225	1-124-903-11 1-124-903-11		1μF 1μF	20% 20%	50V 50V			<ic></ic>	
C6226 C6227 C6228 C6229 C6230	1-124-903-11 1-124-903-11 1-124-903-11 1-124-903-11 1-164-004-11	ELECT ELECT	Ιμ Γ 1μ Γ 1μ Γ 1μ Γ 0.1μ Γ	20% 20% 20% 20% 10%	50V 50V 50V 50V 25V	IC5001 IC5002 IC5003 IC5004 IC5005	8-759-231-55 8-759-231-53	IC TA7805S IC 24C04AI/P	
C6231 C6232 C6234 C6235 C6236	1-164-004-11 1-163-125-00 1-163-251-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1µF 220PF 100PF	10% 10% 5% 5% 5%	25V 25V 50V 50V 50V	IC5006 IC5007 IC5008 IC5010 IC5011	8-759-335-82 8-759-366-24 8-759-297-81	IC M5M442256AJ-8-T2 IC M5M442256AJ-8-T2 IC TDA8315T/N3A-T IC MM1166XFB IC MC74HC4053F	
C6237 C6238 C6239 C6242 C6243		ELECT		20% 20% 20% 10% 10%	50V 50V 50V 25V 25V	IC5012 IC5014 IC5015 IC5016 IC6201	8-759-357-39 8-759-335-17 8-759-011-65	IC CXA1315M IC SAB9075H/N2A IC NJM2256M-TE2 IC MC74HC4053F IC CXA1732M	
C6244 C6248 C6249 C6250 C6251	1-124-903-11	CERAMIC CHIP ELECT	1μĖ	10% 20% 5% 20% 20%	25V 50V 50V 50V 16V	IC6202 IC6203 IC6204 IC6205 IC6206	8-759-925-85 8-759-256-59 8-759-011-65	IC CXA1315M IC SN74HC32ANS IC HD74HC00FPEL IC MC74HC4053F IC CXA1211M	
C6252 C6253 C6256 C6257 C6258	1-137-399-11 1-163-222-11 1-163-222-11	CERAMIC CHIP FILM CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1µF 5PF 5PF	5% 0.25PF 0.25PF 0.25PF	25V 50V 50V 50V 50V	IC6207 IC6208 IC6209 IC6211	8-752-053-21 8-759-328-12	IC MC74HC4053F IC CXA1211M IC Z8622812PSC IC MC14066BF	
C6259 C6261 C6263	1-163-017-00 1-163-251-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.0047µF 100PF	5%	50V 50V 50V	L5001		<coil> INDUCTOR, FERRITE BEAL</coil>	
C6264 C6265		CERAMIC CHIP CERAMIC CHIP		5% 10%	50V 25V	L5002 L5004 L5005	1-414-234-11	INDUCTOR, FERRITE BEAI INDUCTOR, FERRITE BEAI INDUCTOR, FERRITE BEAI	D
C6270	1-164-344-11	CERAMIC CHIP	0.068μ F	10%	25V	L5005		INDUCTOR, FERRITE BEAL	



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	F	REMARK
L5007		INDUCTOR 10µH		Q6220 Q6221	8-729-422-27 8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
L5008 L5009	1-410-470-11	INDUCTOR 10µH INDUCTOR, FERRITE BEAD		Q6222	8-729-422-27	TRANSISTOR 2SD601A-Q		
L5010	1-414-234-11	INDUCTOR, FERRITE BEAD		Q6225	8-729-422-27	TRANSISTOR 2SD601A-Q		
L5011	1-414-234-11	INDUCTOR, FERRITE BEAD		Q6226		TRANSISTOR 2SD601A-Q		
L5012	1-414-234-11	INDUCTOR, FERRITE BEAD		Q6227 Q6228		TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q		
L5012	1-410-478-11	INDUCTOR 47µH		ļ	0 .22 .22			
L5014	1-410-478-11	INDUCTOR 47µH		Q6229		TRANSISTOR 2SD601A-Q		
L5016 L5017	1-414-234-11	INDUCTOR, FERRITE BEAD INDUCTOR, FERRITE BEAD		Q6230 Q6231	8-729-422-27 8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
L3017	1-414-234-11	INDUCTOR, PERRITE BEAD		Q6232	8-729-422-27	TRANSISTOR 2SD601A-Q		
L6201		INDUCTOR 10µH		Q6233	8-729-422-27	TRANSISTOR 2SD601A-Q		
L6202	1-410-470-11	INDUCTOR 10µH		Q6234	8_729_422_27	TRANSISTOR 2SD601A-Q		
				Q6235		TRANSISTOR 2SD601A-Q		
		<transistor></transistor>		Q6236	8-729-422-27	TRANSISTOR 2SD601A-Q		
05001	9 700 400 07	TRANSISTOR 2SD601A-Q		Q6237 Q6238		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
Q5001 Q5007		TRANSISTOR 2SD601A-Q		Q0236	0-129- 4 22-21	TRANSISTOR 25D00TA-Q		
Q5008	8-729-422-27	TRANSISTOR 2SD601A-Q		Q6239		TRANSISTOR 2SD601A-Q		
Q5010		TRANSISTOR 2SA1162-G		Q6240	8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
Q5011	8-129-422-21	TRANSISTOR 2SD601A-Q		Q6241 Q6242	8-729-422-27	TRANSISTOR 2SD601A-Q		
Q5012	8-729-422-27	TRANSISTOR 2SD601A-Q		Q6243		TRANSISTOR 2SD601A-Q		
Q5013		TRANSISTOR 2SD601A-Q		06244	9 700 400 07	TRANSISTOR 25D401 A O		
Q5014 Q5015		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		Q6244 Q6245		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
Q5016		TRANSISTOR 2SA1162-G		Q6246	8-729-422-27	TRANSISTOR 2SD601A-Q		
0.5015	0.500.400.05	TER A MIGRICIPA OF AGENCIAL A		Q6247		TRANSISTOR 2SA1162-G		
Q5017 Q5018		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		Q6248	8-129-422-21	TRANSISTOR 2SD601A-Q		
		TRANSISTOR 2SD601A-Q		Q6249	8-729-422-27	TRANSISTOR 2SD601A-Q		
Q5021		TRANSISTOR 2SA1162-G		Q6250		TRANSISTOR 2SD601A-Q		
Q5022	8-729-422-27	TRANSISTOR 2SD601A-Q		Q6251 Q6252		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
Q5025	8-729-422-27	TRANSISTOR 2SD601A-Q		Q6253		TRANSISTOR 2SD601A-Q		
Q5026		TRANSISTOR 2SD601A-Q		06054	0.700.400.07	TRANSISTOR 25DC01A O		
Q5027 Q5028		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		Q6254 Q6255		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
Q5029		TRANSISTOR 2SD601A-Q		Q6256		TRANSISTOR 2SD601A-Q		
		TRANSPORT ASPECTAL O		Q6257		TRANSISTOR 2SD601A-Q		
Q5030 Q5031		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		Q6258	8-729-422-27	TRANSISTOR 2SD601A-Q		
Q5031		TRANSISTOR 2SD601A-Q		Q6259		TRANSISTOR 2SD601A-Q		
Q5033		TRANSISTOR 2SD601A-Q		Q6260		TRANSISTOR 2SD601A-Q		
Q5034	8-729-422-27	TRANSISTOR 2SD601A-Q		Q6261 Q6262		TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G		
Q5036	8-729-216-22	TRANSISTOR 2SA1162-G		Q6263		TRANSISTOR 2SA1162-G		
Q5038		TRANSISTOR 2SA1162-G		0004	0 700 400 07	TRANSISTOR 25D401A O		
Q5039 Q5040		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		Q6264 Q6265	8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		
Q5041		TRANSISTOR 2SA1162-G		Q6266	8-729-422-27	TRANSISTOR 2SD601A-Q		
0.5040	0.500.016.00	mp a Maramon aga 1140 G		Q6267		TRANSISTOR 2SD601A-Q		
Q5042 Q5051		TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q		Q6351	8-129-210-22	TRANSISTOR 2SA1162-G		
Q5053		TRANSISTOR 2SD601A-Q						
Q5060		TRANSISTOR 2SD601A-Q				<resistor></resistor>		
Q5061	8-129-422-27	TRANSISTOR 2SD601A-Q		R5001	1-216-025-91	METAL GLAZE 100	5%	1/10W
Q6201		TRANSISTOR 2SD601A-Q		R5002	1-216-025-91	METAL GLAZE 100	5%	1/10W
Q6202		TRANSISTOR 2SD601A-Q		R5004 R5005		METAL GLAZE 100 METAL GLAZE 100K	5% 5%	1/10 W 1/10 W
Q6203 Q6204		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R5010		METAL GLAZE 100K	5%	1/10W
Q6205		TRANSISTOR 2SD601A-Q						
06204	8-720 422 27	TRANSISTOR SCHOOLA		R5011 R5015		METAL GLAZE 12K METAL GLAZE 33K	5% 5%	1/10W 1/10W
Q6206 Q6207		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R5017		METAL GLAZE 100	5%	1/10W
Q6208	8-729-422-27	TRANSISTOR 2SD601A-Q		R5022	1-216-025-91	METAL GLAZE 100	5%	1/10 W
Q6209 Q6210		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R5024	1-210-295-91	CONDUCTOR, CHIP		
Q0210	U-127-422-21	IMMODIOR ZODOUTA-Q		R5027		METAL GLAZE 100	5%	1/10W
Q6211		TRANSISTOR 2SD601A-Q		R5028		METAL GLAZE 680K	5%	1/10W
Q6212 Q6213		TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q		R5029 R5031		CONDUCTOR, CHIP METAL GLAZE 22K	5%	1/10 W
Q6213 Q6214		TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G		R5031		METAL GLAZE 22K	5%	1/10W
Q6215		TRANSISTOR 2SD601A-Q					501	1/10337
Q6216	8_720_422-27	TRANSISTOR 2SD601A-Q		R5033 R5034		METAL GLAZE 22K METAL GLAZE 1K	5% 5%	1/10W 1/10W
Q6210 Q6217		TRANSISTOR 2SD601A-Q		R5035	1-216-049-91	METAL GLAZE 1K	5%	1/10 W
Q6218		TRANSISTOR 2SD601A-Q		R5036	1-216-049-91	METAL GLAZE 1K	5%	1/10 W



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REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION]	REMARK
R5040	1-216-025-91	METAL GLAZE 100	5%	1/10W	R5156 R5157		METAL GLAZE 1K METAL GLAZE 1K	5% 5%	1/10W 1/10W
R5041 R5042		METAL GLAZE 10K METAL GLAZE 100	5% 5%	1/10W 1/10W	R5160		METAL GLAZE 470	5%	1/10W
R5045		METAL GLAZE 10K	5%	1/10W	R5161	1-216-295-91	CONDUCTOR, CHIP		
R5053		METAL GLAZE 47K	5%	1/10W	R5162		METAL GLAZE 1K	5%	1/10 W
R5056	1-216-025-91	METAL GLAZE 100	5%	1/10W	R5163 R5165		CONDUCTOR, CHIP METAL GLAZE 1K	5%	1/10W
R5060	1-216-089-91	METAL GLAZE 47K	5%	1/10W	R5166		METAL GLAZE 330	5%	1/10W
R5061		METAL GLAZE 10K	5%	1/10W	D5167	1 216 027 00	METAL CLAZE 220	E CT	1/1037
R5062 R5063		METAL GLAZE 680 CONDUCTOR, CHIP	5%	1/10W	R5167 R5169		METAL GLAZE 330 METAL GLAZE 330	5% 5%	1/10W 1/10W
R5064		METAL GLAZE 100	5%	1/10W	R5170		METAL GLAZE 1K	5%	1/10W
D 50/ 5	1 016 040 01	METAL OLATE 11	E 07	1/1037/	R5171		METAL CHIP 750	0.50%	1/10W
R5065 R5067		METAL GLAZE 1K METAL GLAZE 100	5% 5%	1/10W 1/10W	R5172	1-216-025-91	METAL GLAZE 100	5%	1/10W
R5068		CONDUCTOR, CHIP	570	1,10,1	R5173	1-216-025-91	METAL GLAZE 100	5%	1/10W
R5069		METAL GLAZE 1K	5%	1/10W	R5174		METAL GLAZE 2.2K	5%	1/10W
R5070	1-216-049-91	METAL GLAZE 1K	5%	1/10W	R5176 R5177		METAL GLAZE 100 METAL GLAZE 330	5% 5%	1/10W 1/10W
R5071		METAL GLAZE 100K	5%	1/10W	R5178		METAL GLAZE 10K	5%	1/10W
R5072		METAL GLAZE 560	5%	1/10W	D.5150	1 214 262 21	1.77m	-~	4 /4 0333
R5073 R5074		CONDUCTOR, CHIP METAL GLAZE 15K	5%	1/10W	R5179 R5180		METAL GLAZE 3.9K CONDUCTOR, CHIP	5%	1/10W
R5075		METAL GLAZE 5.6K	5%	1/10W	R5184		CONDUCTOR, CHIP		
D 5077	1 016 040 01	A COMPANY OF A COMPANY	501	1 /1 0337	R5188		METAL GLAZE 330	5%	1/10W
R5077 R5080		METAL GLAZE 1K METAL GLAZE 1K	5% 5%	1/10W 1/10W	R5189	1-216-295-91	CONDUCTOR, CHIP		
R5081		METAL GLAZE 12K	5%	1/10W	R5192	1-216-037-00	METAL GLAZE 330	5%	1/10W
R5082		METAL GLAZE 6.8K	5%	1/10W	R5193		CONDUCTOR, CHIP		4 44 0377
R5083	1-216-295-91	CONDUCTOR, CHIP			R5195 R5196		METAL GLAZE 100K METAL GLAZE 4.7K	5% 5%	1/10W 1/10W
R5085		METAL GLAZE 1K	5%	1/10W	R5197		METAL GLAZE 4.7K	5%	1/10W
R5086		CONDUCTOR, CHIP	5 00	1 (1 0777	D5100				4 44 0333
R5087 R5088		METAL GLAZE 330 METAL GLAZE 15K	5% 5%	1/10W 1/10W	R5198 R5199		METAL GLAZE 4.7K METAL CHIP 750	5% 0.50%	1/10W 1/10W
R5090		METAL GLAZE 5.6K	5%	1/10W	R5200		METAL GLAZE 1K	5%	1/10W
D 5001	1 216 040 01	METAL OLAGE 117		1/1077	R5202		METAL GLAZE 10K	5%	1/10W
R5091 R5092		METAL GLAZE 1K METAL GLAZE 1K	5% 5%	1/10 W 1/10 W	R5203	1-216-047-91	METAL GLAZE 820	5%	1/10W
R5096		METAL GLAZE 22K	5%	1/10W	R5204	1-216-025-91	METAL GLAZE 100	5%	1/10W
R5097		METAL GLAZE 1K	5%	1/10W	R5205		METAL GLAZE 470	5%	1/10W
R5098	1-210-293-91	CONDUCTOR, CHIP			R5207 R5210		METAL GLAZE 560 METAL GLAZE 100	5% 5%	1/10W 1/10W
R5101		METAL GLAZE 15K	5%	1/10W	R5211		METAL GLAZE 680	5%	1/10W
R5104 R5106		METAL CLUB 26V	5%	1/10W	D 5010	1 216 040 01	METAL CLAZE 1V	E COI	1/1037
R5107		METAL CHIP 36K CONDUCTOR, CHIP	0.50%	1/10W	R5212 R5213		METAL GLAZE 1K METAL GLAZE 2.2K	5% 5%	1/10W 1/10W
R5109		METAL GLAZE 22K	5%	1/10W	R5214	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W
R5110	1 216 205 01	CONDUCTOR, CHIP			R5215 R5216		METAL GLAZE 680	5%	1/10W 1/10W
R5111		METAL GLAZE 2.2K	5%	1/10W	K3210	1-210-037-00	METAL GLAZE 330	5%	1/10W
R5112		METAL GLAZE 1K	5%	1/10 W	R5217		METAL GLAZE 100	5%	1/10W
R5113 R5115		METAL GLAZE 2.2K METAL GLAZE 680K	5% 5%	1/10W 1/10W	R5218		METAL GLAZE 6.8K METAL GLAZE 1K	5%	1/10W
KJIIJ	1-210-117-00	WIETAL GLAZE GOOK	370	1/10W	R5219 R5220		METAL GLAZE 1K METAL GLAZE 6.8K	5% 5%	1/10W 1/10W
R5116		CONDUCTOR, CHIP			R5221		METAL GLAZE 1K	5%	1/10W
R5117 R5118		METAL GLAZE 2.2K METAL GLAZE 47K	5% 5%	1/10W 1/10W	R5222	1 216 025 01	METAL GLAZE 100	5%	1/10W
R5119		METAL GLAZE 15K	5%	1/10W	R5223		METAL GLAZE 100 METAL GLAZE 6.8K	5%	1/10W
R5120	1-216-077-00	METAL GLAZE 15K	5%	1/1 0W	R5224	1-216-025-91	METAL GLAZE 100	5%	1/10W
R5121	1-216-057-00	METAL GLAZE 2.2K	5%	1/10 W	R5225 R5226		METAL GLAZE 4.7K METAL GLAZE 4.7K	5% 5%	1/10W 1/10W
R5123		CONDUCTOR, CHIP	370	1/1011	NJ220	1-210-005-00	WILLIAL OLAZE 4./K	370	1/10 W
R5128		METAL GLAZE 1K	5%	1/10W	R5227		METAL GLAZE 4.7K	5%	1/10W
R5129 R5130		METAL GLAZE 1K METAL GLAZE 100	5% 5%	1/10W 1/10W	R5228 R5229		METAL GLAZE 470 METAL GLAZE 470	5% 5%	1/10W 1/10W
	. 2.0 025 71	METHE GENER 100	570	1/1011	R5230		METAL GLAZE 470 METAL GLAZE 470	5%	1/10W
R5131		METAL GLAZE 3.9K	5%	1/10W	R5231	1-216-043-91	METAL GLAZE 560	5%	1/10W
R5135 R5138		METAL GLAZE 100 CONDUCTOR, CHIP	5%	1/10 W	R5232	1-216-041-00	METAL GLAZE 470	5%	1/10W
R5140	1-216-041-00	METAL GLAZE 470	5%	1/10W	R5233	1-216-049-91	METAL GLAZE 1K	5%	1/10W
R5141	1-216-041-00	METAL GLAZE 470	5%	1/10W	R5237		METAL GLAZE 100	5%	1/10W
R5142	1-216-295-91	CONDUCTOR, CHIP			R5239 R5240		METAL GLAZE 1K METAL GLAZE 2.2K	5% 5%	1/10W 1/10W
R5143	1-216-295-91	CONDUCTOR, CHIP						2.00	
R5144 R5145		METAL GLAZE 680 METAL GLAZE 680	5% 5%	1/10W	R5254		CONDUCTOR, CHIP		
R5145 R5147		METAL GLAZE 10K	5% 5%	1/10W 1/10W	R5255 R5256		CONDUCTOR, CHIP CONDUCTOR, CHIP		
					R5258	1-216-295-91	CONDUCTOR, CHIP		
R5151 R5152		METAL GLAZE 10K METAL GLAZE 15K	5% 5%	1/10W 1/10W	R5259	1-216-295-91	CONDUCTOR, CHIP		
		Jan 1011	- 70	2. 20 11					



REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
R5260		CONDUCTOR, CHIP			R6258	1-216-049-91	METAL GLAZE 1K	5%	1/10 W
R5261 R5262		CONDUCTOR, CHIP CONDUCTOR, CHIP			R6259	1-216-057-00	METAL GLAZE 2.21	ζ 5%	1/10W
R5263		CONDUCTOR, CHIP			R6260		METAL GLAZE 22K		1/10W
R5264	1-216-295-91	CONDUCTOR, CHIP			R6261		METAL GLAZE 100		1/10W
D. CO. C.	1 016 005 01	CONDUCTOR CUID			R6262 R6264		METAL GLAZE 10K METAL GLAZE 10K		1/10W 1/10W
R5265 R5266		CONDUCTOR, CHIP METAL GLAZE 1K	5%	1/10W	K0204	1-210-075-00	WIETAL GLAZE TON	. 570	1,1011
R5267		METAL GLAZE 10K	5%	1/10W	R6265	1-216-295-91	CONDUCTOR, CHIP		
R5268	1-216-073-00	METAL GLAZE 10K	5%	1/10W	R6266		METAL GLAZE IK	5%	1/10W
R5274	1-216-033-00	METAL GLAZE 220	5%	1/10W	R6269		METAL GLAZE 1K METAL GLAZE 39K	5% 5%	1/10W 1/10W
R5276	1 216 047 01	METAL GLAZE 820	5%	1/10 W	R6270 R6271		METAL GLAZE 33R		1/10W
R5277		METAL GLAZE 330	5%	1/10W	I Nozii				
R5278		CONDUCTOR, CHIP			R6272		METAL GLAZE 10K		1/10W
R5279		CONDUCTOR, CHIP			R6273		METAL GLAZE 1K METAL GLAZE 10k	5% 5%	1/10W 1/10W
R5280	1-216-295-91	CONDUCTOR, CHIP			R6274 R6275		METAL GLAZE 10K		1/10W
R5281	1-216-295-91	CONDUCTOR, CHIP			R6276		METAL GLAZE 10k		1/10W
R6202		METAL GLAZE 5.6K	5%	1/10W	l				1 11 0337
R6203		METAL GLAZE 1.5K	5%	1/10W	R6277		METAL GLAZE 1.21 METAL GLAZE 1.21		1/10W 1/10W
R6204		METAL GLAZE 2.2K METAL GLAZE 10K	5% 5%	1/10W 1/10W	R6278 R6279		METAL GLAZE 1.21		1/10W
R6205	1-210-073-00	MIETAL GLAZE TOK	3 70	1/10**	R6280		CONDUCTOR, CHIP		
R6206	1-216-089-91	METAL GLAZE 47K	5%	1/10 W	R6281	1-216-049-91	METAL GLAZE 1K	5%	1/10W
R6207		METAL GLAZE 47K	5%	1/10W	D. C000	1 216 205 01	COMPLICTOR CLUB		
R6208		METAL GLAZE 2.2K	5% 5%	1/10W 1/10W	R6282 R6283		CONDUCTOR, CHIP METAL GLAZE 1K	5%	1/10W
R6209 R6210		METAL GLAZE 1.5K METAL GLAZE 100	5%	1/10W	R6284		METAL GLAZE 1K	5%	1/10W
RUZIU	1-210-025-71	WEINE CEREE 100	570	-, - • · ·	R6285	1-216-295-91	CONDUCTOR, CHIP		
R6211		METAL GLAZE 5.6K	5%	1/10W	R6286	1-216-069-00	METAL GLAZE 6.8	K 5%	1/10W
R6212		METAL GLAZE 1.5K	5% 5%	1/10W 1/10W	R6287	1-216-081-00	METAL GLAZE 22H	5%	1/10W
R6213 R6214		METAL GLAZE 10K METAL GLAZE 2.2K	5%	1/10W	R6288		METAL GLAZE 221		1/10W
R6215		METAL GLAZE 10K	5%	1/10W	R6289		METAL GLAZE 101		1/10W
				1 (1 0 1 1 1	R6291		METAL GLAZE 470		1/10W 1/10W
R6216		METAL GLAZE 1K METAL GLAZE 33K	5% 5%	1/10W 1/10W	R6292	1-210-041-00	METAL GLAZE 470	370	1/10**
R6217 R6218		METAL GLAZE 5.6K	5%	1/10W	R6293	1-216-049-91	METAL GLAZE 1K	5%	1/10W
R6219		METAL GLAZE 1.5K		1/10W	R6294		METAL GLAZE 1K	5%	1/10W
R6220	1-216-073-00	METAL GLAZE 10K	5%	1/10W	R6295		METAL GLAZE 2.2		1/10W 1/10W
D.C001	1 216 040 01	METAL CLAZE 1V	5%	1/10W	R6296 R6297		METAL GLAZE 2.2 METAL GLAZE 100		1/10W 1/10W
R6221 R6222		METAL GLAZE 1K METAL GLAZE 2.2K		1/10W	K0297	1-210-025-71	MIDITE CENEE 100	5 70	
R6223		METAL GLAZE 470	5%	1/10W	R6298		METAL GLAZE 100		1/10W
R6224	1-216-041-00	METAL GLAZE 470	5%	1/10W	R6299		METAL GLAZE 100		1/10W 1/10W
R6225	1-216-047-91	METAL GLAZE 820	5%	1/10W	R6300 R6301	1-216-033-00	METAL GLAZE 220 METAL GLAZE 1K) 5% 5%	1/10W 1/10W
R6226	1_216_049_91	METAL GLAZE 1K	5%	1/10W	R6302	1-216-057-00	METAL GLAZE 2.2	K 5%	1/10W
R6227		METAL GLAZE 22K	5%	1/10W					
R6228		METAL GLAZE 2.2K		1/10W	R6303		METAL GLAZE 2.2		1/10W 1/10W
R6229		METAL GLAZE 10K	5% 5%	1/10W 1/10W	R6307 R6308		METAL GLAZE 100 METAL GLAZE 100		1/10W
R6230	1-216-043-00	METAL GLAZE 680	370	1/10W	R6309		METAL GLAZE 100		1/10W
R6231		METAL GLAZE 100	5%	1/10 W	R6311		CONDUCTOR, CHI		
R6232	1-216-061-00	METAL GLAZE 3.3K	5%	1/10W	2010	1 017 000 00	NOTE AT ATT A 200	501	1/10W
R6233		METAL GLAZE 27K METAL GLAZE 100	5% 5%	1/10W 1/10W	R6312 R6314		METAL GLAZE 220 METAL GLAZE 1K		1/10W
R6234 R6235	1-216-023-91	METAL GLAZE 100 METAL GLAZE 100	5%	1/10W	R6317	1-216-057-00	METAL GLAZE 2.2	K 5%	1/10W
110233	1 210 020 7				R6318	1-216-057-00	METAL GLAZE 2.2	K 5%	1/10W
R6236		METAL GLAZE 470	5%	1/10W	R6321	1-216-025-91	METAL GLAZE 100) 5%	1/10W
R6237		METAL GLAZE 100 METAL GLAZE 10K	5% 5%	1/10 W 1/10 W	R6322	1-216-025-91	METAL GLAZE 100) 5%	1/10W
R6238 R6239		METAL GLAZE 100	5%	1/10 W	R6323		METAL GLAZE 100		1/10W
R6240		METAL GLAZE 4.7K		1/10W	R6324		CONDUCTOR, CHI		1 14 0377
			F 01	1/1007	R6325) METAL GLAZE 226 METAL GLAZE 1K		1/10W 1/10W
R6241 R6242) METAL GLAZE 2.2K) METAL GLAZE 6.8K		1/10W 1/10W	R6326	1,210-049-91	MILIAL OLAZE IN	370	1/10**
R6244		METAL GLAZE 100k		1/10W	R6327		METAL GLAZE 2.2		1/10W
R6245	1-216-025-91	METAL GLAZE 100	5%	1/10W	R6328		METAL GLAZE 2.2		1/10W
R6246	1-216-057-00) METAL GLAZE 2.2K	5%	1/10W	R6329 R6330		CONDUCTOR, CHI METAL GLAZE 2.2		1/10W
R6247	1-216-025-01	METAL GLAZE 100	5%	1/10W	R6333) METAL GLAZE 2.2) METAL GLAZE 15		1/10W
R6247 R6248		METAL GLAZE 100 METAL GLAZE 470	5%	1/10W					
R6249	1-216-081-00	METAL GLAZE 22K	5%	1/10W	R6334	1-216-077-00	METAL GLAZE 15	K 5%	1/10W
R6250	1-216-081-00	METAL GLAZE 22K	5% 5%	1/10W	R6335	1-216-081-00) METAL GLAZE 22) METAL GLAZE 22	K 5% K 5%	1/10W 1/10W
R6252	1-216-057-00) METAL GLAZE 2.2K	5%	1/10W	R6336 R6337		METAL GLAZE 22.		1/10W
R6253	1-216-061-00	METAL GLAZE 3.3K	5%	1/10W	R6338		METAL GLAZE 47		1/10W
R6255	1-216-045-00	METAL GLAZE 680	5%	1/10W	n (****	1 017 007 0	LANDRAL OF ACT ACT	0 50	1/10337
R6256) METAL GLAZE 2.2K		1/10W	R6339 R6340		I METAL GLAZE 10 I METAL GLAZE 10		1/10W 1/10W
R6257	1-216-025-9	METAL GLAZE 100	5%	1/10W	K0340	1-210-023-7	. HILLIAN GEARLE IV	. 570	47.4011

KP-53XBR45/61XBR48 RM-Y128



REMARK PART NO. DESCRIPTION REF. NO. 1-216-025-91 METAL GLAZE 100 1-216-057-00 METAL GLAZE 2.2K 1-216-057-00 METAL GLAZE 2.2K 1/10W R6341 5% 1/10W R6342 1/10W R6343 1-216-057-00 METAL GLAZE 2.2K 1-216-025-91 METAL GLAZE 100 1-216-295-91 CONDUCTOR, CHIP 1/10W R6344 1/10W R6345 R6348 1-216-057-00 METAL GLAZE 2.2K 5% : 1/10W R6353 1-216-057-00 METAL GLAZE 2.2K 5% 1/10W R6354 1-216-295-91 CONDUCTOR, CHIP R6355 1-216-057-00 METAL GLAZE 2.2K 1-216-033-00 METAL GLAZE 220 1/10W R6356 1/10W 5% R6357 1/10W 1-216-097-91 METAL GLAZE 100K 5% R6359 1/10W 5% 1-216-069-00 METAL GLAZE 6.8K R6362 1-216-049-91 METAL GLAZE 1K 1-216-025-91 METAL GLAZE 100 1-216-025-91 METAL GLAZE 100 1/10W R6375 1/10W R6376 5% 1/10W R6377 5% 1/10W 1-216-049-91 METAL GLAZE 1K R6378 1/10W 1-216-049-91 METAL GLAZE 1K R6383 1/10W 1-216-051-00 METAL GLAZE 1.2K R6384 1-216-051-00 METAL GLAZE 1.2K 1-216-051-00 METAL GLAZE 1.2K 1/10W R6385 5% 1/10W R6386 1-216-081-00 METAL GLAZE 22K 5% 1/10W R6387 5% 1/10W 1-216-041-00 METAL GLAZE 470 R6391 1/10W R6393 1-216-025-91 METAL GLAZE 100 5% 1/10W R6394 1-216-025-91 METAL GLAZE 100 5% 1/10W 1-216-025-91 METAL GLAZE 100 R6395 5% 1/10W 1-216-025-91 METAL GLAZE 100 R6396 1-216-025-91 METAL GLAZE 100 5% 1/10W R6397 1/10W 1-216-073-00 METAL GLAZE 10K R6398 1/10W 5% R6399 1-216-089-91 METAL GLAZE 47K 1/10W 5% 1-216-057-00 METAL GLAZE 2.2K R6400 1/10W 1-216-061-00 METAL GLAZE 3.3K 5% R6401 R6402 1-216-061-00 METAL GLAZE 3.3K 5% 1/10W 5% 1/10W 1-216-049-91 METAL GLAZE 1K R6403 1/10W 1-216-065-00 METAL GLAZE 4.7K 5% R6404 1/10W 1-216-073-00 METAL GLAZE 10K 5% R6405 1/10W 1-216-049-91 METAL GLAZE 1K 5% R6406 5% 1/10W R6407 1-216-065-00 METAL GLAZE 4.7K 1/10W 1-216-049-91 METAL GLAZE 1K R6408 1-216-073-00 METAL GLAZE 10K 5% 1/10W R6409 1-216-025-91 METAL GLAZE 100 1-216-025-91 METAL GLAZE 100 5% 1/10W R6410 1/10W R6411 1-216-073-00 METAL GLAZE 10K 5% 1/10W R6416 1/10W 1-216-069-00 METAL GLAZE 6.8K R6418 1-216-025-91 METAL GLAZE 100 1/10W R6419 <CRYSTAL> 1-567-505-11 OSCILLATOR, CRYSTAL X5001 X5002

1-567-505-11 OSCILLATOR, CRYSTAL

****************** **MISCELLANEOUS**

▲ 1-451-441-11 DEFLECTION YOKE, DY YS-35159 (R.G)

▲ 1-451-441-21 DEFLECTION YOKE, DY YS-35160 (B)

▲ 1-223-925-11 RESISTOR ASSY (HIGH-VOLTAGE)

1-251-321-11 SELECTOR, ANTENNA

▲ 1-452-790-11 NECK ASSY

Les composants identifies par une trame et une marque A sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark A are critical for safety. Replace only with part number

REF. NO.	PART NO.	DESCRIPTION	REMARK
	1.457.790-21	NECK ASSY	
	1-504-141-11	SPEAKER (13CM)	(KP-53XBR45)
1		SPEAKER (16CM)	(KP-61XBR48)
İ	1-504-756-11		(KP-61XBR48)
İ	1-504-877-11	SPEAKER (8CM)	
	1 504 064 11	ODE A VED (10CM)	
İ	1-504-964-11	SPEAKER (10CM) TERMINAL BOAI	, DD
1) (KP-53XBR45)
ļ	1-544-580-21 * 1-751-135-11) (KI-33ABK+3)
1		CABLE, PIN	
1	* 1-/31-130-11	CABLE, FIN	
	1-765-663-11	CORD	
	A. 1-769-837-11	CORD, POWER(V	TTH NOISE FILTER)
	4. 1.900-211-34	LLEAD ASSY, HV	
	<u>4.8-598-955-00</u>) BLOCK ASSY, HI	GH-VOLTAGE
V901	<u> </u>	PICTURE TUBE	7MAC2(G) (LONG NECK)
******	L 0 702 £42 N	CONTRIBERIOR	7MAC3(B) (LONG NBCK)
V903	A 9 716 644.0	DICTURE TURE	7MAC3(R) (LONG NECK)
*200			
*****	******	******	*********
1			A CAMPIDIAL O
1	ACCESSOR	IES AND PACKING	MATERIALS
	*******	*******	का का का का का की का का का का था।
	X-4946-077-	1 PANEL ASSY, FR	ONT
1	X-4946-078	1 CABINET ASSY,	SPEAKER
1	1-504-877-1	1 SPEAKER (8CM)	
1	1-537-775-1	1 TERMINAL ROA	RD

-537-775-11 TERMINAL BOARD 1-765-267-11 CORD, SPEAKER 1-765-663-11 CORD 3-701-627-00 BAG, POLYETHYLENE 3-800-707-11 MANUAL, INSTRUCTION *4-030-895-01 JOINT *4-037-328-01 PLATE, TOP (KP-53XBR45) *4-040-111-01 PLATE, TOP (KP-61XBR48) *4-040-903-01 PLATE, BOTTOM (KP-61XBR48) *4-040-906-01 TRAY (KP-61XBR48) *4-041-426-01 BAG, PROTECTION (KP-53XBR45) *4-041-428-01 BAG, POLYETHYLENE (KP-61XBR48) *4-042-463-01 SHEET, PROTECTION *4-043-800-01 FORM BLOCK (KP-61XBR48) *4-048-894-01 CUSHION (UPPER) (ASSY) (KP-53XBR45) *4-048-895-01 CUSHION (LOWER) (ASSY) (KP-53XBR45) *4-048-900-01 INDIVIDUAL CARTON (KP-53XBR45) *4-048-901-01 TRAY (KP-53XBR45) *4-048-902-01 PLATE, BOTTOM (KP-53XBR45)

REMOTE COMMANDER

1-473-306-11 REMOTE COMMANDER (RM-Y128) 9-933-736-01 POCKET, COVER (FOR RM-Y128)

Sony Corporation

Consumer A&V Products Company TV & Display Products Div.

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